HOUSE & GARDEN

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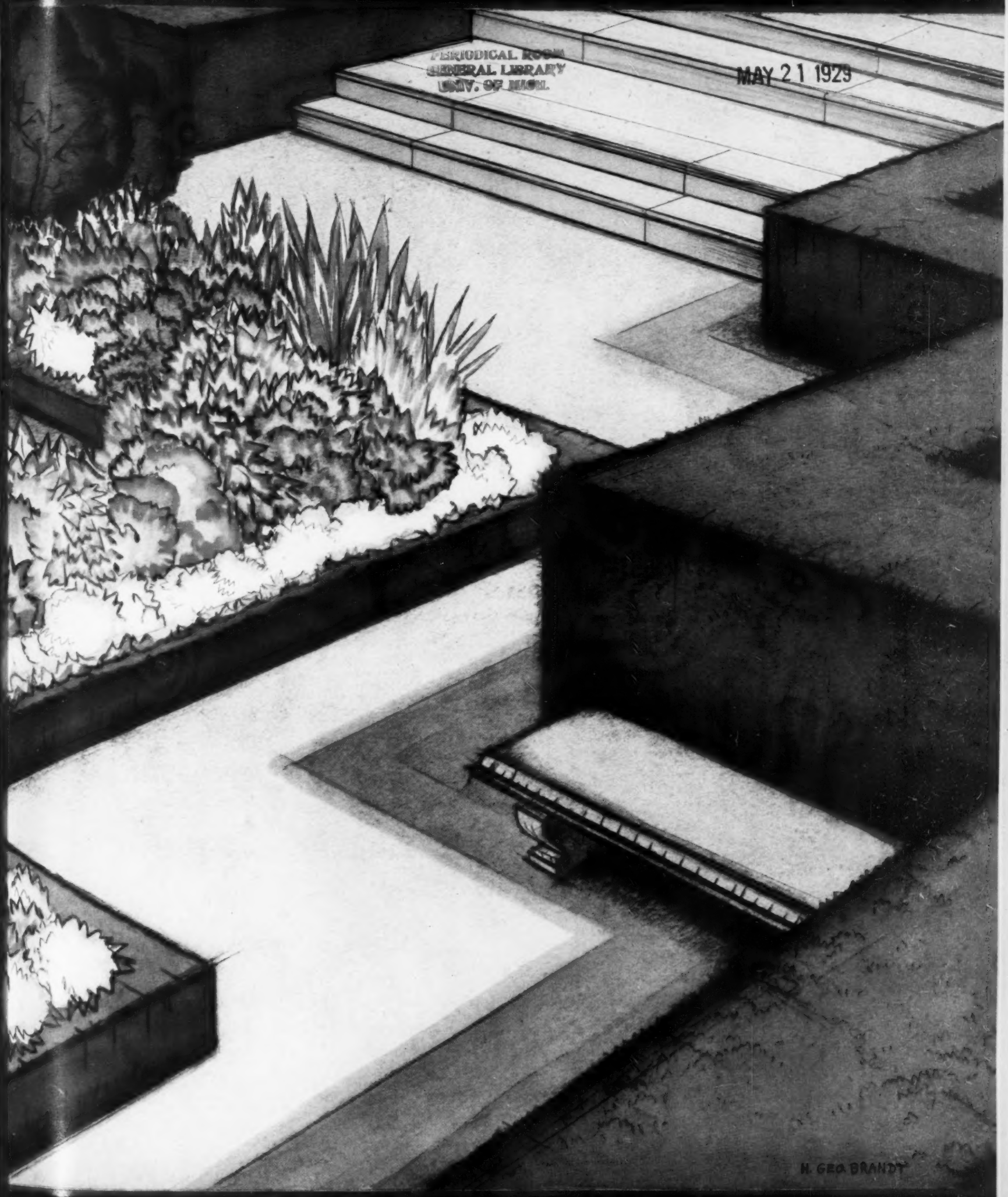

June — 1929

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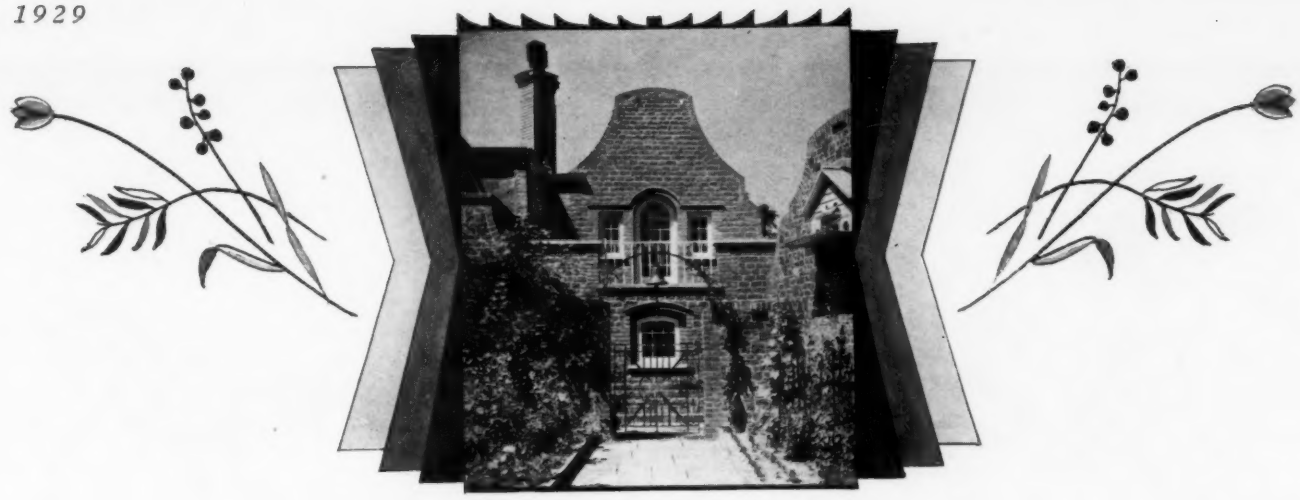

HOUSE & GARDEN

RICHARDSON WRIGHT, *Editor*

ROBERT S. LEMMON, *Managing Editor*

THE airplane is speedily dissolving the last frontiers that stand on this continent. What the Conestoga wagons began far back in the last century, the plane is finishing in the present one. Very soon the lover of natural stretches of forest untouched by despoiling evidences of modern civilization will search in vain for his favorite asylums. There will be no more sylvan retreats for him to escape to. In the statement of an air line company, the other day, that it would transport hunting and camping parties to remote places in the North woods, we read the above pronouncement.

So long as such spots were accessible only on horseback or by canoe they were safeguarded against the devastating effects of popularization. But a hardy few would attempt such means of travel, and these would have sufficient of the real love of Nature to leave the country as they originally found it.

It is true that the advent of the motor car and the myriads of motor tourists have replaced many a sylvan path with a glistening metaled road. Such development takes much time and money, however, and it would have been many a year before engineers could have bridged all the streams and laid roadbeds through all our forests. The carrier of the air recognizes no such needs. A little clearing in which to taxi to a stop, and to take off from for a return journey, and its requirements are well satisfied. Difficulties that stood in the way of older methods of colonization have no disrupting effect on this pleasant mode of transit.

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JUNE, 1929

Cover Design by H. George Brandt
The Bulletin Board 75
Coffee Beside Still Waters 76
Eating In The Country—By Richardson Wright 77
How Roses Come By Their Names 82
Contract In A Pleasant Setting—Jones & Erwin, Decorators . 83
The Noteworthy Family of Enkianthus—By E. H. Wilson, V.M.H. 84
Modernism Appears Outdoors 85
Furniture for Garden and Porch 86
To Record The Fleeting Garden Hours 88
A Sunken Garden 90
Below A Terrace 91
How To Use Red In Decoration—By Mrs. George Draper . . 92
A Little Portfolio of Good Interiors 93
Every Room A Garden 96
The New Mingles With The Old 98
More Notes On Breeding New Roses—By J. H. Nicolas . . . 100
Garden Animals From Normandy 101
On Having A Restful Garden—By Dorothy Hammond . . . 102
Varied Designs for Walks and Terraces—By R. S. Tilden . . . 104
The Making of Plants From Cuttings—By F. F. Rockwell . . 106
Appropriate Furnishings Help Give Age To A Garden 107
Colorado Alpines Now Available—By Herbert Durand . . . 108
Some Roses of Other Days—By Louise Beebe Wilder 110
A Glossary of Oriental Rugs—By Mr. and Mrs. G. Glen Gould 112
Afternoon In Texas—Briscoe & Dixon, Architects 113
Norman and English Architecture—Polhemus & Coffin, Architects 114
In A Suburb of Los Angeles—Homer A. Bonshey, Architect . . 117
Translating Rural Gallic—Russell Walcott, Architect . . . 118
Progress With The Home Laundry—By Elizabeth Hallam Bohn 119
Above A Cleveland Garden—A. Donald Gray, Landscape Architect 120
The Forget-me-not Pool 122
A Garden for Wild Flowers 123
The Gardener's Calendar 124

The people first to use this service will be those who are mentioned in the announcement. They will be content with few creature comforts. But the cabins that will soon be built, for some who merely wish to spend a week or week-end in a rustic setting, will need permanent caretakers. And so in each secluded retreat small communities will spring up with mushroom growth. Next will inevitably come those who will wish to buy land and maintain their own places for occasional use. And the next step in progress will be the building of hotels for the occupancy of people who take their "roughing it" with the minimum of hardship. Then, depending on real estate values and other related factors, each erstwhile secluded dell will have become either an exclusive or a popular resort.

It is certainly a fine thing that those of us who have not the woodsman instinct will again be able to take advantage of occasional health-giving sojurns in primeval spots alien to our usual haunts. With the elder methods of transportation such places have gradually retreated a greater and greater distance away. A sad fact however, is that in time the heavy hand of man seems to rob each thing of the very beauty and advantages that drew him to it.

The march of progress leaves many things dead in its wake. We of the present can make full use of what is at hand. Future generations must find make-shifts to replace what they will miss . . . or, perhaps, never having known them, they will not care. J. F. H.

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The BULLETIN BOARD

THE Worship of the Wee. Since rock gardening has become such a popular sport, the posture of American gardeners has changed from the upright to the prone, from standing on one's two feet to kneeling. And the cause for this is the strange idolatry toward little flowers. The worship of the minute is the contemporary pose. The large flower is considered vulgar and the double flower completely outside the pale. This is carrying appreciation to a silly extreme. Robust and double flowering is not to be despised—the great Peony heads, the noble Iris, the huge Dahlias, the Delphinium as big as church spires, the Sunflower that would put the sun itself to shame. Are we vulgar when we glory in abundance? Is it not time the robust and obese have their day?

BILLBOARDS or Scenery? In no less than forty-one States, now, roadside advertising signs, that may be a menace to safe driving, are controlled by law. The States that have not yet seen the light on this subject are South Carolina, Arkansas, Texas, New Mexico, Oklahoma, Kansas and Wyoming. Perhaps the solons of these commonwealths do not consider their scenery worth saving—or perhaps all their motoring is conducted without accidents. Nine States—and may their names go down to glory!—permit no commercial advertising of any sort to be erected or maintained on any highway or right of way. These States are Minnesota, Colorado, Maine, Iowa, North Dakota, South Dakota, West Virginia, New Hampshire and Illinois.

A LITERARY Garden. Alphonse Karr (1808-1890), gifted French satirist and humorist of literary Paris during the brilliant 19th Century, was also a devoted lover of flowers. He took no end of trouble to produce novel and unusual blooms. One of his fancies was a "romancers' garden" in which flourished trees and plants that contemporary writers, sometimes ignoring Nature, had described in their works. This gay unorthodox garden of Karr's sheltered his conception of a blue Chrysanthemum inspired by George Sand, the Bengal thornless Rose of Victor Hugo, Balzac's climbing Azalea, Jules Janin's blue Pink, Madam de Genlis' green Rose, Eugène Sue's Parisian Cactus, Paul Féval's evergreen Larch, a little pink Clematis which figured in the Latin Quarter tales of Forgues, the scented Camellia of Rolle, and Dumas *père's* white Lotus and famous black Tulip.

This collection was a Mecca for flower lovers who came to gaze in surprise and admiration at blooms now well known to us.

THE Plant Societies. The Annual of the American Rose Society, which has recently been issued, is another indication of the lively work being conducted by that association. In fact, after looking over this book, and the Bulletins of the American Iris Society and the publications of the Peony and Dahlia groups, one cannot help being impressed by the serious and diversified endeavors of these leading plant societies.

A NEW ENGLANDER

TO A SMALL CEDAR IN A POT

I could say dull and solemn things
  To you about your hardiness,
How you have borne the bitter stings
  Of frost and cold—the tardiness

Of winter sun upon the hill,
  Receiving storms with fortitude,
Growing in spite of drought . . . your will
  To live as powerful, as rude,

And full of mystery as mine:
  But I'll not grant one robust trait
To you which I have not. You shine
  Because you're set apart: your fate

Is fanciful . . . but were you yet
  Upon that hillside growing tall
Among your comrades, I'd forget
  To give you any praise at all!

—MARTHA BANNING THOMAS

CALIFORNIA Style. There has been such confusion in the public mind as to the proper designation of the style of architecture now popularly adopted in California and so flagrant a use of the terms "Mission Style," "Spanish Style," or "Mediterranean Style," which bring no kudos to the fair name of that State, that the Palos Verdes Art Jury has recently handed down this definition:

"California Architecture is defined as that distinctive style which for several decades has been successfully growing up in this State, deriving its chief inspiration directly or indirectly from Latin types which developed under similar climatic conditions along the Mediterranean, or at points in California, such as Monterey.

"Color is generally very light in tone.

"Materials used are plaster, adobe or stucco exterior wall surfaces of a durable construction, or of concrete, stone or artificial stone.

"Roofs are low pitched, seldom steeper than thirty degrees with thirty-five degrees maximum, usually of tile laid random, but sometimes, in the galleried Monterey type, using shakes or shingles, often with thick butts."

In that ancient rivalry of the States, it is evident that California has stolen a march on Florida. With every mail we are expecting an envelope postmarked Palm Beach or Tampa, the contents of which will at least even the score.

CACTUS to London. Among the most impressive demonstrations of horticultural endeavor made this year was the shipping from California and installation in Boston of part of the American Desert and a Redwood glade. These two exhibits at the flower show of the Massachusetts Horticultural Society were due to the generosity and ardor of Mrs. Sherman Hoyt of Pasadena and the collecting and direction of Charles G. Adams, the Los Angeles landscape architect. These exhibits are now being taken to London to be part of the Royal Horticultural Society's show at Chelsea. After the exhibition Mrs. Hoyt plans to present the plant material to a British botanical garden. A superb undertaking, one calculated to increase knowledge of our native flora.

NO More Frontiers. Frontiers finally go when the cultural arts spring up, and by glancing through this issue of House & Garden with its beautiful homes and gardens drawn from all sections, one realizes that frontiers are a thing of the past. Rufus Putnam led his Revolutionary heroes into the Northwest Territory less than 150 years ago—the same territory where stand gardens shown in these pages. One hundred and twenty-five years ago Lewis and Clark were just entering that territory from which now come Colorado Alpines for our gardens. Where the Campbell House in Houston stands was a mere path of the prairie until a few years back and the Lake Forest home of H. T. Millet stands where, in the not too dim and distant past, the Indian was wont to pitch his tepee.

MOTHER Trees. The ability to notice and correctly reason out the things one meets in Nature is one of the most satisfying qualifications a plant-lover can possess. Often it discloses an almost human story that recounts the details of a whole horticultural history.

The mother tree is a case in point. One sees it not infrequently as one goes through the countryside—a tall Red Cedar or Maple, Tupelo or Hemlock with dozens of offspring clustering about it like chicks around their clucking parent. Most of the flock is likely to be on the side away from the prevailing winds, for in that direction the seed has been blown, but sometimes the exact opposite is found. We know one mother Pepperidge whose brood straggles away right into the eye of the northwest wind, for from that quarter come and go most of the birds which feed on the blue-black berries in September and thus unwittingly serve as distributors of the seeds—a matter of topography, pure and simple.

PEACE in Architecture. It is a fact that more peace, good will and good feeling exist among members of the architectural profession than any other. And this stands in strange contrast to the feeling between decorators. It has not been so many years ago that we can forget it when the mention of women decorators at a banquet attended only by men decorators was received with violent hissing.

G. W. Harting

COFFEE BESIDE STILL WATERS

The long dusk of summer, the quiet mirror of a pond, the deepening shadows of trees slightly stirring in the zephyr that brings relief after a hot day, the scent of unseen flowers—this is the ideal atmosphere for the enjoyment of after-dinner coffee in the country

EATING IN THE COUNTRY

The Al Fresco Atmosphere Lends the Color, Leisure and Romance That Should Wait on Good Digestion

RICHARDSON WRIGHT

ON a certain country place, not too far from the blissful city of Cleveland, the rite of breakfast is celebrated with the same uncertainty and change of location as the early Christians worshipped. Guests never know, from day to day, where it will be found. Come down of mornings, and at the foot of the stairs the eye catches the cryptic message on a card: "The Rose Arbor". Tomorrow it may bear the romantic direction: "The Sunny Side of the Lily Pool"; or, if the morning weather be inclement, "In The Study" or "Before the Library Fire".

In that house and garden breakfast is served in no less than twenty-six different spots, and there are as many varied places for luncheon and dinner too. Like the old children's game of "Going to Jerusalem", wherever the bell calls, there you sit down and eat. Perambulating gastronomy, you might dub it, and delightful gastronomy it is.

Most city folk go to stalls and eat. Like intelligent horses we know our food-bin, and it never enters our heads to expect a meal elsewhere. This routine eating has its lamentable effects; whether we dine in state or in poverty, the act of going three times a day to the same spot for meals reduces the splendid act of eating to a dull monotony. Perhaps it is not so much the dining as the dining room that ruins digestion. Old Omar found Paradise beneath a tree with a jug of wine, a loaf of bread and (presumably) a pretty girl. Of course the girl had something to do with it, and the wine and bread were enough for his tastes, but the cool and comfortable shade of the tree added the Paradisean touch. Let us hope it was not always beneath the same tree, for there is romance in eating as the gypsy eats, wherever the patrin of one's mood points; the edge of one's appetite is whetted by uncertainty and surprise.

Eating unexpectedly in various rooms of a house will add zest to a dull meal, but best of all is it to eat in unexpected parts of a garden. This habit of dining *al fresco* is one to which Americans have still to become accustomed. Somehow, we have not shaken ourselves free from the orthodox Victorian notion that any meal not served in a dining room is a picnic—the sort of thing you do once in a great while to please the children. Picnics at best are messy affairs. Any meal at which one eats off one's knees, juggling a *mélange* of plates and cups and consuming prodigious quantities of greasy food cooked by men who have never recovered from having been Boy Scouts—a little of that sort of dining goes a long way. Very definitely let us state that the purpose of these pages is not to deliver a panegyric on picnics; it is to present an appreciation of dining in the country, of using all parts of a house and a garden for meals, a habit that has long been practised and cherished by Continental folk.

The first rule for dining in a garden is to be comfortable. One's feet should be under some sort of table. This table should be so placed that no one is ex-

G. W. Harting

For this breakfast set on an eastward-facing porch, the iron table is accompanied by red Spanish chairs and the service is yellow granite ware edged with red

Here a summer luncheon is set out upon an open deck halfway to the treetops. A colored Spanish filet cover is used with gaily-hued Spanish pottery. The table was arranged by Chamberlin Dodds, decorator

posed to the pitiless glare and heat of the summer sun or the penetrating chill of winds or the curious gaze of strangers.

The second rule for *al fresco* dining is that it should never have the slightest air of haste or responsibility. Any meal which is eaten hastily and under pressure, whether in town or country, is merely a matter of temporary stimulation.

The third rule is that it should be colorful and informal—colorful in the fitments of the table and informal in both the foods and the clothes one wears. A rural meal served in a garden or on a terrace should be composed mainly of such ingredients as the local countryside affords. It should be eaten in loose and comfortable clothes that in no wise are reminiscent of formal dining in town. To dine between the grass and the infinite stars in dinner gowns and dinner jackets is a silly affectation, a sure sign that one fears the country lest he or she "go native" under its intimate contact.

With these few suggestions in mind, let us consider the meals of the country day —breakfast, luncheon and dinner (why do we no longer use that good-old-fashioned word, supper?) with the supplementary tea of which many of us partake since daylight saving puts dinner off till fairly late.

The breakfast table should be set in a spot with not too dewy an approach—a place easily reached by garden paths or on a sheltered terrace. And fortunate is the country place where the daily paper is not delivered until mid-day and one can escape, at breakfast, its sickening round of trouble and crime and the dismal failures of the "noble experiment." The day should start serenely and with never a thought of what one has to do. This breakfast should be eaten in luxuriant leisure. Diets should be forgotten and also, for the time being, the sparrow habit some people have of breakfasting off next to nothing. It is the sure proof of a real countryman that he lays in a good foundation at breakfast and that he takes plenty of time in laying it.

Luncheon in the country, unless guests be expected, is a casual meal and should be a fairly light one—an omelet, a salad, a glass of home-made wine, with cream cheese and confiture of yellow Tomatoes and Ginger root for dessert. Set in a shady spot, a spot that commands a view, this can be another quiet, leisurely meal. Nor should the fitments of the luncheon table be the same kind as those used at breakfast. The day's progress should be marked by variations in table cloths and china. One of the quaintest places to eat luncheon is in a vegetable garden and not so far from the chicken yard but that one can hear the contented clucking of hens.

The lawn is the place for tea—a spot on the lawn convenient for callers. For tea is the easiest kind of hospitality offerable to those who just drop in. And it should be tea. Cocktails are too much an anticipation

If one is so lucky as to have a brook and a waterfall, this is the perfect spot for tea on a hot afternoon. Iron garden furniture is used and the Russian samovar provides hot water

G. W. Harting

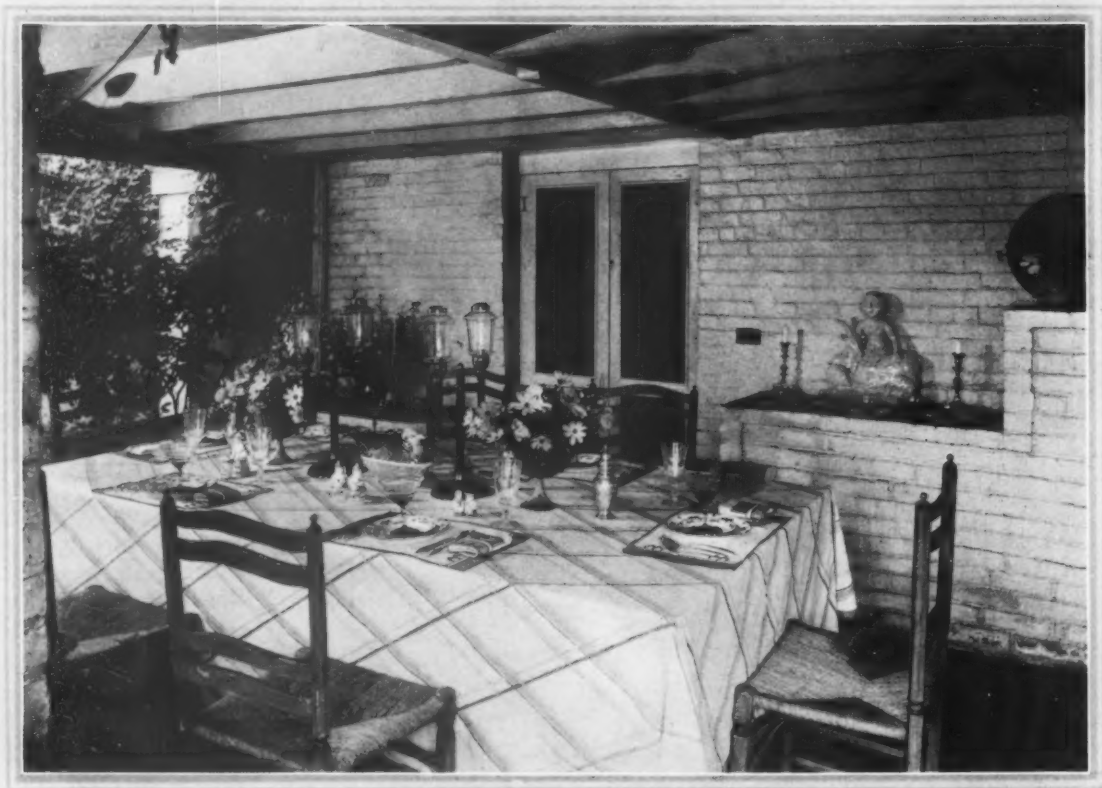
On this covered deck overlooking a lake with the sunset through the trees dinner is served. The table is topped with peasant check table cloth and napkins. Arrangement by Chamberlin Dodds

of dinner. Tea, cold or hot, with lemon or milk and with a variety of sandwiches and home-made cookies—that's the sort of tea for the country. Again the table cloth is different—a bit of well-chosen modernist fabric, perhaps, or a length of peasant-made goods patterned in rich colors, with equally colorful china.

Of the country dinner one should make a *fiesta*. Men folks are back from town, the children washed up, the day's work done, then comes the pinnacle of gastronomic endeavors—dinner at dusk, amid the fragrance of unseen flowers. A covered terrace or porch in not too breezy a spot is the ideal place for dinner, and the table should be set with the most gaily-colored of all the china. At this meal it is advisable to have the table cloth go to the floor and just before dinner is served the mosquitoes beneath it and around can be gassed with noisome fumes. To assure steady light, the candles on the table should be placed in chimneys or hurricane globes.

There are available such quantities and varieties of china and pottery that it is difficult even to make suggestions regarding it. Peasant ware in strong clear colors is always usable. One might have some central notion in mind while preparing a country meal—an Early American dinner, say, served in pewter and old slipware; an Italian peasant meal with Deruta ware from Perugia and for dishes, spaghetti and that toothsome achievement, *Scaloppina Milanese*. As for table cloths, their name is

(*Continued on page* 128)



Breakfast in this paved grape arbor is set with painted chairs and Brittany china on a table cloth of Modernist German printed cotton in yellow and tan. Yellow and tan Zinnias are used here. Agnes Foster Wright, decorator

The features of this country dinner table, set by Agnes Foster Wright, are the checked Modernist table cloth, the mille-fleur bouquets in contemporary Viennese vases and the German candle lamps with hurricane globes

G. W. Harting

S. H. Gottscho

A shady corner of a paved terrace lends itself for tea, as does this terrace at Prettybrook Farm, Princeton, N. J. the home of Dean Mathey, of which Arthur Holden was architect and Ferruccio Vitale, landscape architect

A country luncheon for a newly-married pair, placed on an upper porch and the table decorated with Staffordshire cats and dogs; taunting reminders of what some married lives become. Agnes Foster Wright, decorator

HOW ROSES COME BY THEIR NAMES

Despite Which, Were They Called by Any Other Names,

They Would Be Just as Sweet in Scent

and Fair to Look Upon

EUROPEAN customs have much to do with Rose names, and these customs, little understood here, are responsible for those long names often preceded by a handle or title either of nobility, office (political or otherwise), army rank or even profession. Democracy may have invaded the European governments but not the individual; any title or honorific distinction becomes part and parcel of its possessor's name.

In Europe, the dedication of a Rose to a person is considered one of the greatest social honors and results in a large distribution of the variety among friends and courtiers, thus bringing a substantial revenue to the producer of the variety. The privilege of naming a novelty is often bought for a considerable cash payment, which explains to a certain degree the multiplicity of novelties—names at least—that appear annually on the market. The hybridizers are not altogether to blame: naming a Rose is an important item of recompense for an art that would otherwise be poorly remunerated.

THE Rose is also used as a memorial to a departed relative or friend; this explains the frequent term "Souvenir de", which is the French for "In memory of"—as Souvenir de Claudius and Georges Pernet, dedicated by Pernet to his two sons killed on the battlefield of the last war. The death of Claudius was particularly tragic. He was a reserve officer and not yet called to front line service. He resigned his commission and enlisted as a private in a regiment at the firing line because of disappointment in love; he wanted to marry a young woman whose father was a bitter enemy of his and both refused to consent to their children's union. Other examples are Souvenir de Claudius Denoyel, dedicated by Chambard to his favorite nephew and assistant, also killed in the war; Souvenir de George Beckwith, named by Pernet for his intimate friend and agent in England; Souvenir de H. A. Verschuren, dedicated to their father by the Verschuren boys when they took charge of the vast Verschuren Rose nursery in Holland, producing over a million budded Roses a year. The word "Feu" is also used to mean "The late" or "Deceased" as in Feu Joseph Looymans, the last Rose hybridized by Joseph Looymans and named for him by his children.

WOMEN are very keen for having "their" Rose; hence the "Madame," "Mrs.," "Mevrouw" (Dutch for Mrs.), "Frau" (German for Mrs.), or "Miss." While in America it has become a permitted license of nomenclature to dispense with these handles, in Europe it would be a breach of etiquette. It is a frequent occurrence that a husband surprises his wife by presenting her on some birthday or anniversary with a new Rose bearing her name. Children will honor their mother with a Rose of her favorite color, and parents often want their children remembered with a Rose, a modern way that is gradually displacing the century-old custom of planting a tree for each child of the family. This Rose custom dates as far back as 1827, perhaps starting then, when a rosarian by the name of Jacques had twin daughters but only one Rose to dedicate, so he gave it the names of both children, Félicité et Perpétue. Dorothy Perkins, now a young matron with children of her own, was a little tot when her father named the popular climbing Rose for her because of the size and daintiness of the individual bloom; Franklin, Raymond and Constance were named for Admiral Ward's children; Alida, Bess and Mary Lovett were the children of one of Dr. Van Fleet's dèar friends and associates. Louise Walter, a Polyantha, justifies its popular class name "Baby Rambler", as Louise was a baby in arms when her father named the Rose for her.

SENTIMENT is not always the motive back of a Rose name; personal pride, self indulgence or advertising plays sometimes an important part in adding to Rose dissemination and nomenclature. Some one will inspect a prominent hybridizer's seedlings, admire a particular one and demand—with cash in hand—that it be named for her or him. Madame Caroline Testout, a fashionable *couturière* of London, thus forced on the market a seedling which Pernet did not think good enough, but she paid the price—and much to Pernet's surprise, the Rose made good, although it is now much *passé*. Madame Jenny, also a ladies' tailor in Paris, did not wish to stay behind her London colleague and advertised herself with a climbing Rose.

Hybridization is considered a gentle art, the Rose a thing of beauty; and its artisans are patronized, often financially helped, by the nobility or the wealthy owner of a nearby chateau. Hence the "Lord," "Lady," "Dame," "Countess," "Prince," etc., that lengthen the name of a Rose. The Marchioness of Londonderry owns the land on which the Dickson Nursery stands in Ireland, and she expressed the desire of having a Rose for herself and each one of her seven daughters; for her name, Dame Edith Helen, she selected that big pink Rose, probably because she, herself, is a large, masculine looking woman! One of her daughters, Lady Margaret Stewart, received that yellow beauty which was further honored with the Gold Medal, the only one awarded at the Bagatelle trial gardens in 1928.

THE weaker sex is not alone in feeling the charm of the Queen of Flowers; men also succumb to her wiles. When visiting Pernet Ducher in quest of a Rose to bear his name, the Prince of Bulgaria was attracted by a

(*Continued on page* 140)

Drix Duryea

CONTRACT IN A PLEASANT SETTING

Yellow, beige and brown, with accents of black, is the color scheme of this sunlit card room in the New York apartment of Mrs. Jay Gould. Wood pulp paper in beige covers walls and ceiling; chairs are bamboo with seats in leopard skin satin, the curtains are brown satin, and the black terrazzo floor is inlaid with brass. Jones & Erwin, decorators

THE NOTEWORTHY FAMILY OF ENKIANTHUS

Garden Lovers in Search of the Unusual and Beautiful Should Consider Planting These Showy Flowering Shrubs

E. H. WILSON, V. M. H.
Keeper of the Arnold Arboretum

FOR American gardens there is almost infinite plant material; indeed, it is limited only by climate and soil. It is well to remember this, for no true garden lover wishes to grow exactly the same things as his neighbor. From time to time in the pages of House & Garden it has been my privilege to draw attention to lesser known plants and I now recommend to those in search of the unusual and beautiful some four species of Enkianthus, which, to paraphrase the name, are pregnant with beauty in habit of growth, in form, leaf and flower.

Enkianthus is an Oriental member of the world-wide Erica family so abundant in North America and which includes Rhododendron and Azalea, Kalmia and Blueberry, Mayflower and Bearberry, Heath and Heather, and many another familiar and lovely plant. The family is entirely of woody plants, nearly all of them shrubs, varying from prostrate groundcovers to bushes twenty feet tall. There are no weedy or mediocre members, although some are exceedingly difficult to grow, as witness the Mayflower. All are lovers of acid soils, are usually social in habit, are rich in virtues and acknowledged favorites. The Enkianthus are worthy of a high seat at the family table, for they possess all the good qualities looked for in first-class plants and, so far as I know, are neither affected by insect pests nor disease of any sort.

In all, about ten species of Enkianthus are known, being distributed from the Himalayas eastward through China and northward throughout Japan. Of these the four species native of Japan only are hardy in Massachusetts. The Japanese, whose passion for trees and shrubs is proverbial, have cultivated one of these Enkianthus (*E. perulatus*) from immemorial time. Of neat rounded habit, it is to be seen in every Japanese garden of note and in the autumn no bush has more brilliantly tinted foliage. Enkianthus are bushes of the mountainside, being particularly partial to rocky places in thin woods and thickets. They love to hug humus-clad boulders where, crowded together, they often form considerable thickets. In many parts of Japan they are a feature of the woodland flora but none more so than the Nikko region, where in the autumn they vie with the Maples in the brilliancy of their tinted foliage. The flowers, produced in May and June, vary greatly in size and in color and no plant puts them forth in greater abundance. In my wanderings in the Land of the Rising Sun it was always a delight to rest beneath these shrubs and revel in their beauty.

The most vigorous and generally useful Enkianthus is E. campanulatus, whose racemes of waxy blossoms vary from salmon to dull crimson with darker or lighter stripes

In a general way the climate of the British Isles is much more favorable to the growth of outdoor trees and shrubs than that of Eastern North America. So far as broad-leaved evergreens are concerned, there is no possibility of our competing with that milder clime. With deciduous shrubs and trees, however, it is different and where these are properly hardy American gardeners score heavily over their British confrères. The Enkianthus are a case in point. In fact, the best English books, when they notice these plants at all, remark they are tender and apt to suffer from spring frosts. Moreover, they flower sparingly. The only good point they make about them is their autumn foliage. It is evident that Enkianthus enjoy a climate of extremes—hot summers and cold winters which cause the perfect ripening of the wood. In the Arnold Arboretum, where all the Japanese species are well represented, no plants could be hardier and none give greater returns. The group occupies a wind-swept slope beneath some old White Pine trees, a situation where root and air drainage is perfect. Under these conditions year in and year out the plants give of beauty one hundred percent.

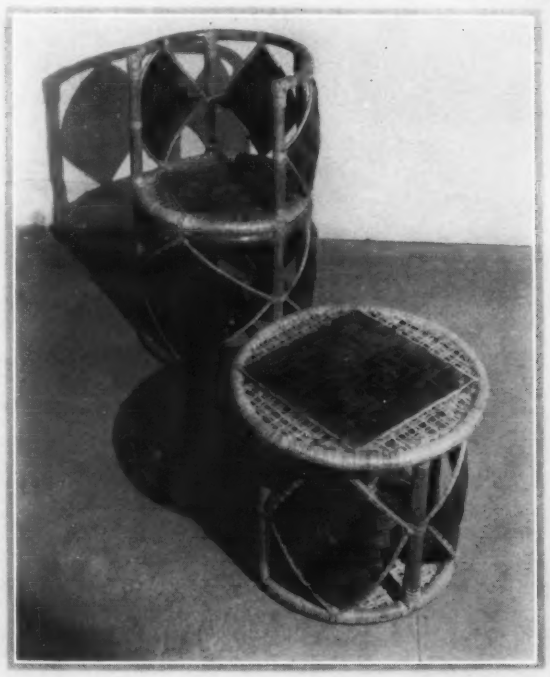
Unfortunately, those who live in limestone districts must deny themselves these Enkianthus as, indeed, they must all other plants of the family, including Azaleas and Rhododendrons, but where lime is absent no garden should be without these well-mannered shrubs. Any soil in which Azaleas or Blueberries grow is suitable for Enkianthus, but the position where they are planted must enjoy good drainage. They will not stand wet feet during the winter. Ordinary good loam with leaf soil and sand are their essential requirements. They may be propagated from cuttings, but the method is slow and not always successful. Seed is the best means of increase and since in most species fruits are borne freely every year there is no difficulty in obtaining seeds. The young plants are spindly and gawky in appearance for the first few years but it is remarkable how they fill out and form shapely bushes five to fifteen feet tall as the years go on. Their open habit in youth is due to the fact that the branches arise tier above tier from a common level which gives the bush a tabuliform appearance. As branching and rebranching is effected the open spaces are filled in. The flowers are either bell-shaped or urn-shaped, according to species, and are produced from the tips of the shoots immediately after the leaves are fully expanded, or, in the case of *E. perulatus*, before the leaves appear. The flowers in most sorts are racemosely borne,

(*Continued on page* 142)

MODERNISM APPEARS OUTDOORS

For spending long days on the beach come an umbrella tent that may be used as a bath house, a folding chair and a rug and pillow of canvas. In black and white or green and orange. Macy's

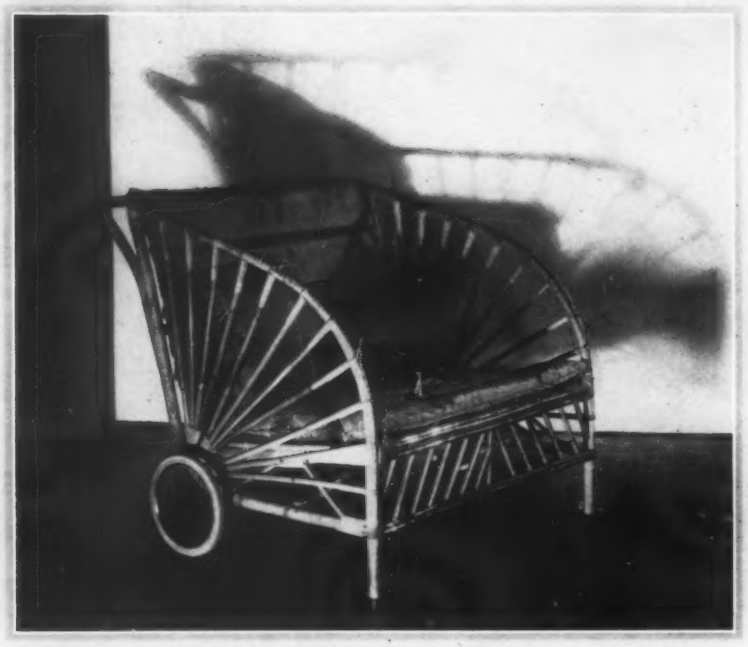
(Left) Modern furniture with framework of metal tubing. The adjustable chair has removable cushions. Nessen Studios. Nest of four tables painted in orange, yellow, flame and blue. Contempora



(Left) Natural bamboo decorated with large black diamonds giving domino effect. The stool has a removable top to be used as a tray. Robert E. Locher

(Right) Hooded garden settee of rattan with cane windingsenameled red and blue. The cushions are in bright blue waterproof fabric, red pipings. Altman

Dana B. Merrill

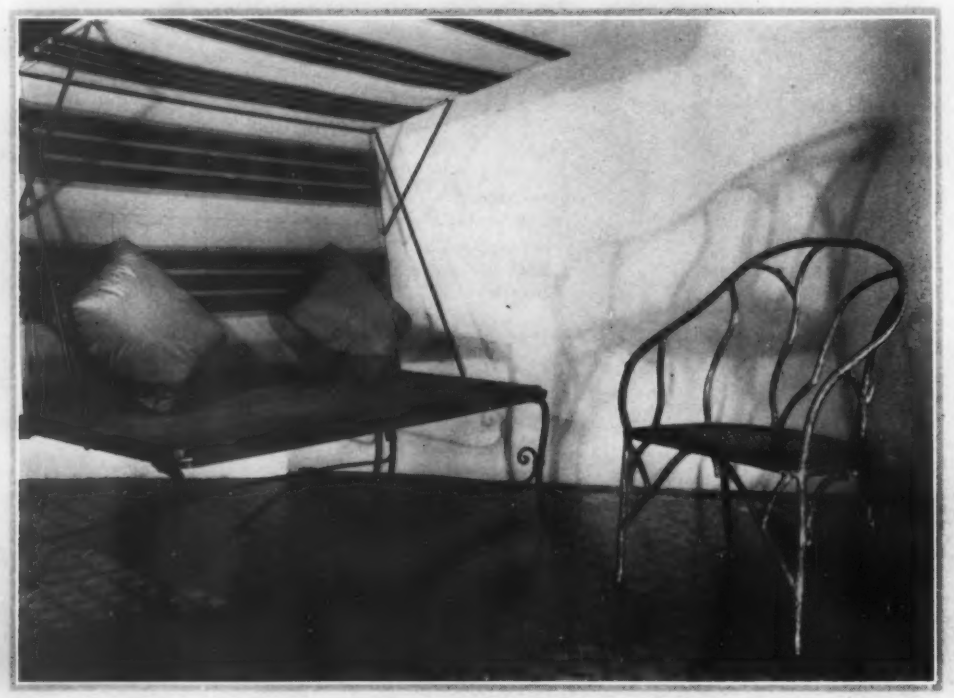


Above is a graceful Malacca rattan garden seat on wheels. The cushions are obtainable covered in a green or red waterproof fabric. Black pillows. It measures 37 inches wide

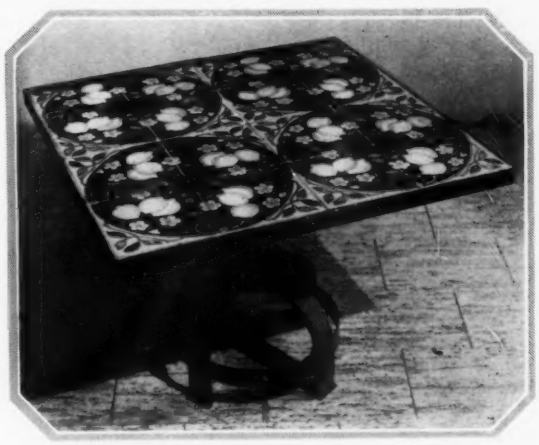
(Right) Garden serving cart, enameled light green, fitted with a deep copper tray containing ice compartments and a smaller tray. All furniture on this page from Ruth Collins

(Below) Natural finish iron settee with wooden seat, 54 inches long. The canvas canopy swings over, ensuring sun protection on either side. The iron chair has a woven iron seat

FURNITURE FOR GARDEN AND PORCH



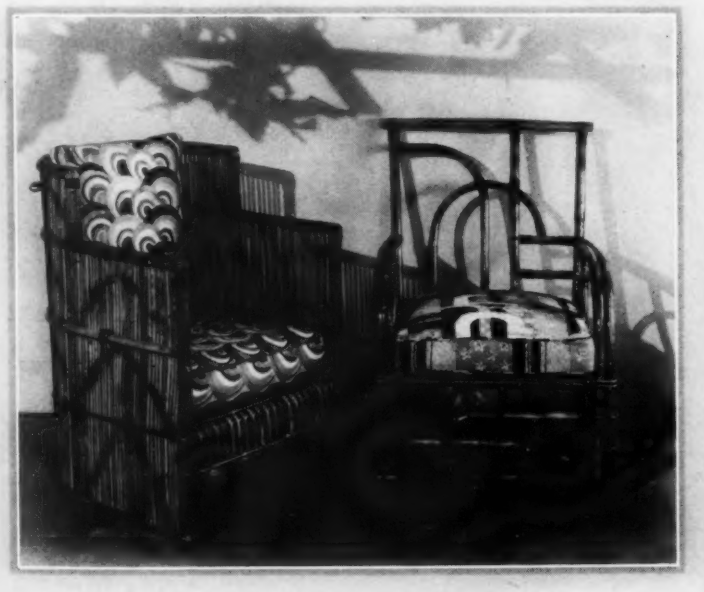
(Above) This unusual tête à tête chair is painted melon pink with stripings in green and black. A modern linen in black, flame, coral and green covers the cushions. Lord & Taylor



(Left) A practical table for porch or terrace has a sturdy base of rusty iron and a tile top in a design of vivid yellow lemons on a blue and rose ground. From the Mayhew Shop

(Below, left) Interesting modern chair of rattan with yellow and red cane windings. Reed Shop. Modernist printed linen inspired the design of the other chair. From the Arden Studios

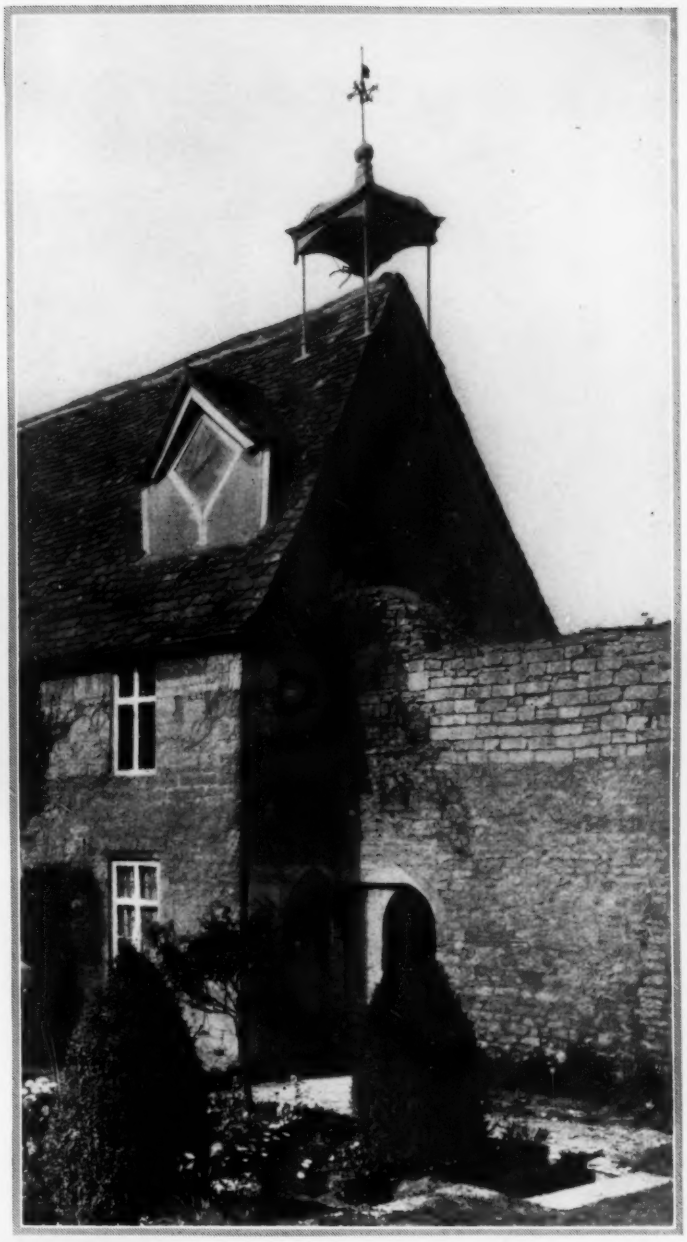
Below are the new and the old in design. (Left) Modern iron chair with copper slats. The Arden Studios. The iron chair in Lily of Valley design is painted spring green. From Barto



An astrolabe, the instrument that guided 18th Century mariners on their voyages, now marks the time of day from atop a tawny limestone shaft set down in a somnolent Cotswold village garden. The middle garden of Snowshill Manor, Gloucestershire, England

TO RECORD THE FLEETING GARDEN HOURS

(Above) Clock over one entrance to the Villa Dolfin, near Bassano, Italy. This residence was designed by one of Palladio's followers after the style of his preceptor

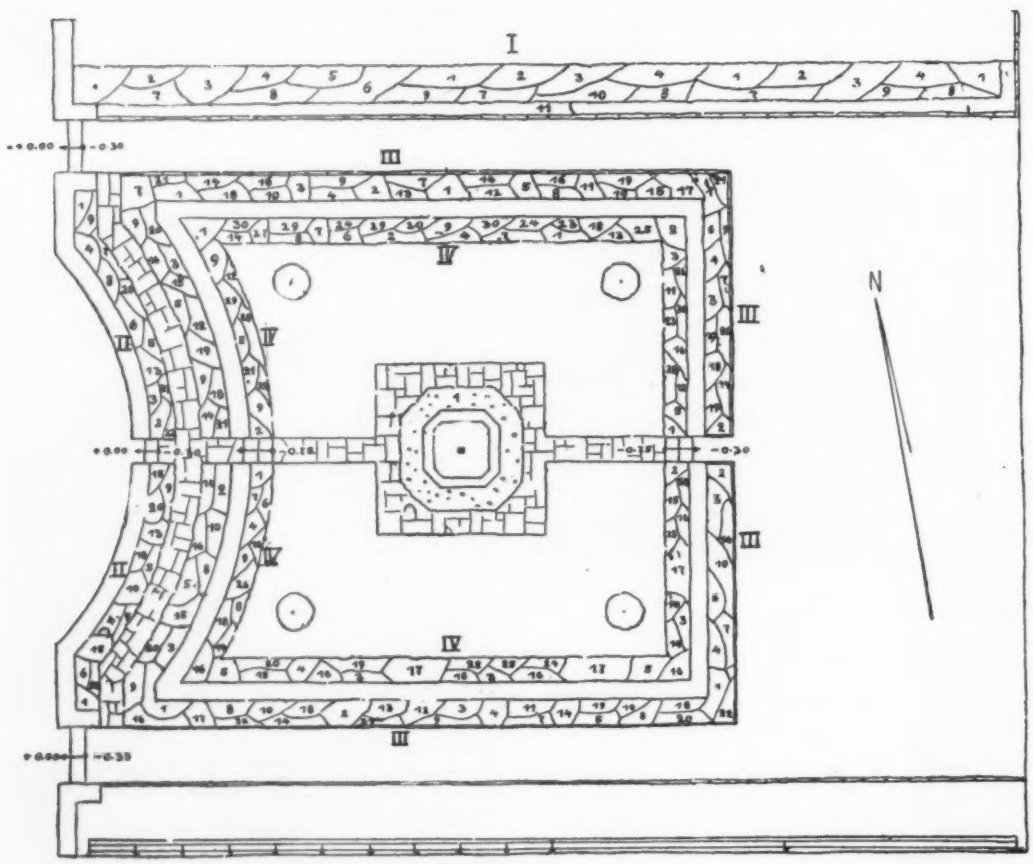


(Below) Polychromed and gilt clock and zodiac composition overlooking the gardens of the Villa Masèr in the Veneto. The Villa is one of Palladio's masterpieces

(Right) Astronomical clock in lower garden, Snowshill Manor, Gloucestershire. Dials and doors are a rich green-blue. Figures, etc., are gilt and polychrome

Sundial on 18th Century carved stone base at Warbrook, Eversley, Hampshire. Designed for himself by John James of Greenwich. Courtesy W. B. E. Ranken

(Above) A 17th Century garden clock and bell-cote, set on the gable of a 15th Century Cotswold house, facing a court at Amberley, Gloucestershire



WHEN a landscape architect faces the problem of giving form and perspective to a flat piece of land, he will be certain to use at least part of the land for a sunken garden.

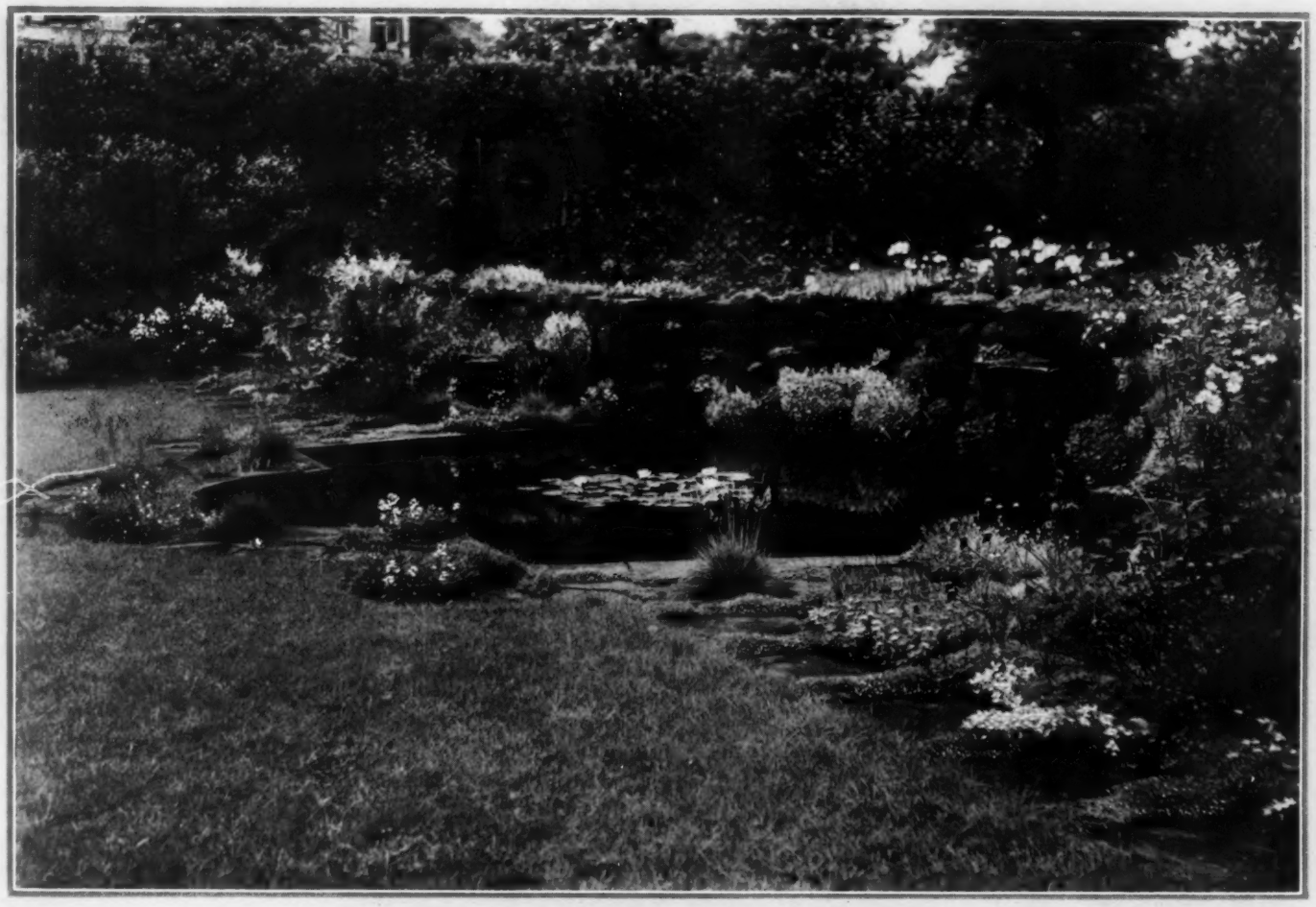
The ground plan of this garden shows that two levels are leading to the sunken garden. The first level lowers the entire east side of the garden; a stone wall surrounding the entire sunken area brings us three steps lower. There lies the lawn, adorned by numerous flowers with a small fountain attracting interest in the center. Great care was taken when planting the terraces, to choose the proper material, not only in regard to height and color but also as to time of flowering. This considerably contributes to bring out the perspective of the place. The planting list is as follows:

PERENNIAL BORDER I (2½'-5' high)

1. Delphinium; 2. Phlox decussata; 3. Paeonia chinensis fl. pl.; 4. Aster cordifolius;

(*Continued on page* 146)

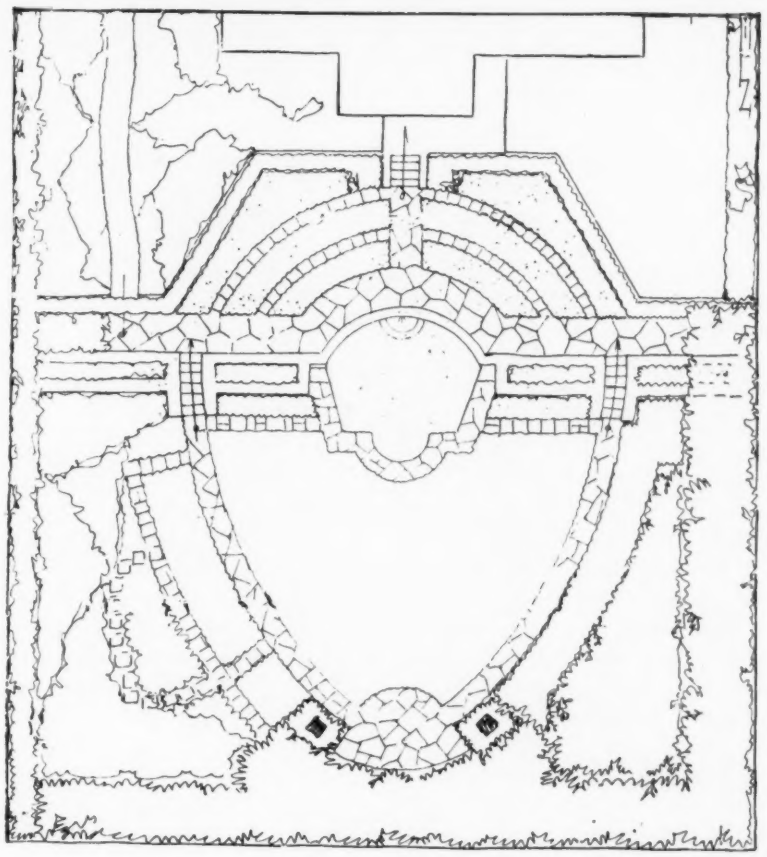
A SUNKEN GARDEN FORMING A SQUARE



THE little garden on this page, covering about 6,000 square feet and facing southwest, lies 3½ feet lower than the lowest step of a wooden stairs leading from the porch. In front of this is a terrace about eighteen feet wide which, being in a sunny location, is appropriately planted with Roses. The automobile and garage entrances are in the southeastern part of the grounds. Here groups of Conifers, Rhododendrons, flowering shrubs and perennials are massed in front to screen this drive and form the farther background of the garden.

The center of interest is the sunken garden with its pool. A stone wall of ledge rock, laid up in two levels, outlines its shape and supports the terrace on each side. This is planted to Alpines. Behind it is a lattice for climbing Roses. Shrubbery and a deep planting of perennials are massed along the sides of a panel of turf that gives the pool a flat approach. Stepping-stone paths give easy access to all parts of the garden.

On these two pages are shown examples of small sunken gardens, one of formal pattern and the other less formal. Both are applicable to many suburban problems



BELOW A TERRACE ON A SMALL PLACE

HOW TO USE RED IN DECORATION

Color Schemes and Furniture Selections for Four Rooms in Which Red Appears as the Chief Note

MRS. GEORGE DRAPER

RED is a striking if somewhat difficult color to work with in decoration and, in general, should be used sparingly. Even lavish Nature is most cautious with it. She covers vast areas with green, gray, yellow, brown, blue or white—in mountain countries even mauve—but how carefully she reserves red for a Rose or Geranium, for the last dramatic gesture of fall or the dying gasp of a tropical sun! If she gives us a field of flaming Poppies, she tempers it with much green and a generous sprinkling of white and gold Daisies and the vivid blue of Cornflowers.

In decoration no other color so quickly gives strength and character to a room as red. Being the strongest element in the spectrum, it is apt to dominate other hues in the furnishing scheme and for best results should usually be introduced in small quantities. Do not hesitate, however, to use this stimulating color as the predominant note in a large room that is not lived in continually. In smaller interiors red is extremely valuable where sharp accents are needed in order to enliven a pallid color scheme.

In the following outline for four rooms red is the chief note. In no instance, however, has it been allowed to dominate to the detriment of the weaker colors. Rather has it been used to accent these and to give strength to the decorative scheme as a whole.

ENTRANCE HALL

Walls: Smooth plaster painted white. Two walls are decorated with large grisailles in warm gray and white and set in with simple white moldings.

Ceiling: Very high, painted the same white as the walls.

Trim: White door trim enclosing shiny dark green triple-paneled doors.

Floor: Star design carried out in black, white and gray marble.

Furniture: Two long Biedermeier benches in black and gold stand under the grisailles and have loose cushions which are covered in red rep.

At one end of the hall stands a pair of simple black marble columns holding lacquer red urns from which light is thrown onto the ceiling.

Because red is the only color used in this hall, occurring in small areas well relieved by black and white, and because the furniture arrangement is formal in effect, with the background in cool colors, a very bright shade of red should be used.

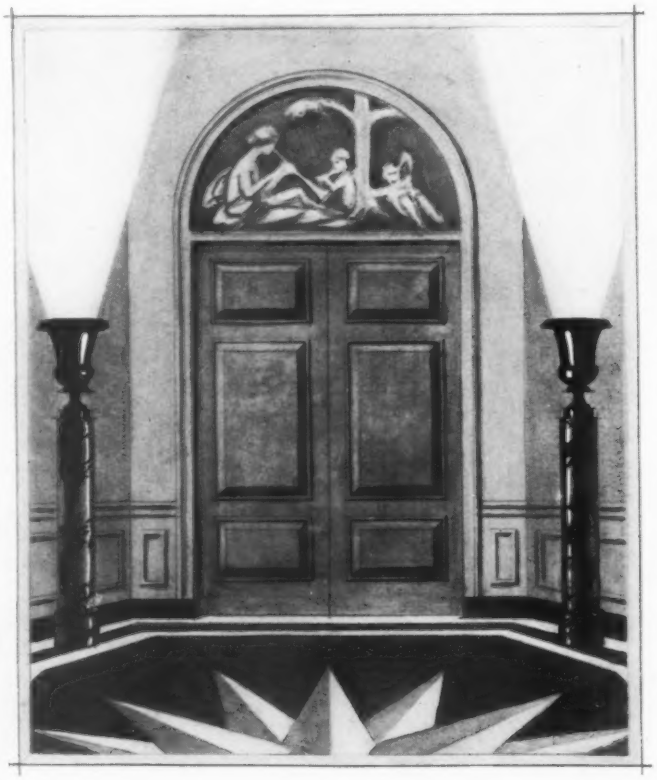
LIVING ROOM

Walls: Smooth plaster painted a soft fresh yellow to make a restful background.

Ceiling: Finished in ivory white.

Trim: Painted ivory white.

Floor: Stained dark and covered with large Oriental rugs in old reds and dark blues, with the red tones predominating.



Flanking the hall doorway are marble columns surmounted by lacquer red urns holding lights. Walls are white with green doors. Decorated by the Architectural Clearing House, Inc.

Mantel: Black and gold marble mantel of the period of 1830 surmounted by a large mirror to the ceiling framed in gilt. The fender, fire tools and andirons should be of shining brass.

Curtains: Red Italian damask falling luxuriously on the floor. If the windows overlook an interesting garden view or city skyscrapers, no glass curtains should be used.

Furniture: The room with its Palladian window at one end, its loose chintz covers and furniture of various periods has the atmosphere of a comfortable English drawing room. On the floor and low sill are numerous flowering plants, and in front of the window is a white bust set upon a green marble pedestal.

At either side of the mantel on small mahogany tables are tall lamps made of a pair of gold urns. These have circular white pleated book linen shades decorated with wide gold bands.

On one side are a two-seated Lawson sofa, slip-covered in red damask, a low painted table and a large comfortable chair slip-covered in a bold English glazed chintz with white ground and bunches of red Tulips. Opposite are a wing chair in red damask, a low round table of the Federal period and another comfortable chair in the chintz. A long table behind the sofa group is gay with bright covers of current magazines in neat piles.

A mahogany secretary desk of the Federal period has a yellow leather seated chair and other sofas and chairs are covered in the same chintz or damask. Old portraits and books contribute their quota of color.

DINING ROOM

Walls: Victorian paper of large design executed in yellow, pale gray and white.

Trim: Painted ivory white.

Carpet: Dark wine red.

Curtains: Ruby red taffeta which fall on the floor, with a draped valance below a Victorian gilt cornice board. White book linen glass curtains with seven-inch fluted ruffles.

Furniture: A mahogany sideboard of the Federal period with a white marble top has silver candlesticks under etched glass hurricane shades flanking an old Lowestoft soup tureen.

The mahogany Chippendale chairs have bright yellow leather seats.

A sofa and two comfortable chairs are slip-covered in a maroon glazed chintz with big bunches of yellow flowers, picking up the color of the carpet and the walls.

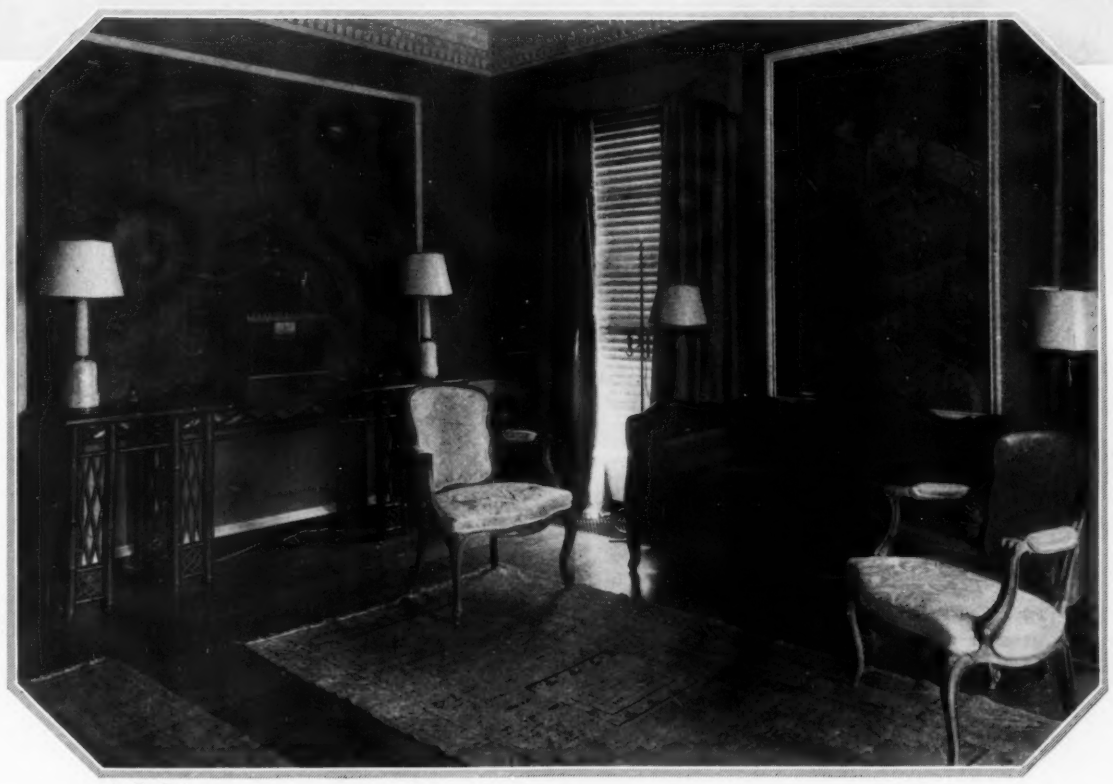
A large gilt framed mirror over the sideboard reflects the portrait of an aristocratic Victorian lady in a red dress, which hangs over the sofa.

Lighting Fixtures: Crystal chandelier and wall brackets have white paper shades decorated with gold and vermilion bands.

Accessories: Ruby crystal table glass.

(*Continued on page* 132)

A LITTLE PORTFOLIO *of* GOOD INTERIORS



S. H. Gottscho

The Portfolio this issue shows rooms in the house of Charles A. Blackwell, in Brookville, L. I., exterior views of which appear on pages 114 and 115. At the top is a view of the gallery. Polhemus & Coffin, architects

In the Chinese room the green walls are ornamented with old paper panels containing much color. The French chairs are covered in green brocade and the curtains are mulberry over yellow Venetian blinds

UNIV. OF

S. H. Gottscho

(Opposite page) A feature of the living room is the 18th Century paneling of weathered pine. This forms a distinguished background for the furniture and accessories, the majority of which are Georgian in type. Polhemus & Coffin were the architects of this house Brilliant color notes are found in the floor covering and textiles. On the dark oak floor is a Spanish hooked rug in vivid hues; the sofa is done in tawny yellow damask and the curtains are gold brocade. Gay flower patterned chintz in tones of mulberry covers an armchair The dining room in the Blackwell house, two views of which are shown on this page, suggests an interior in the provinces of France. Some of the furniture is French provincial in type, made of walnut, and the antique limestone mantel is French Gothic Red is the main color note used in this room. Curtains of red and white brocade are particularly striking against plaster walls finished old white. The wood trim is colored dark green and the floor is made of hexagonal red tiles which have been highly waxed

UNIV OF ILL.

EVERY ROOM A GARDEN

Summer rooms are cool and fresh when the garden is brought indoors with colorful fabrics such as these. (Left) A flowered chintz from Bertha Schaefer

(Top) Curtains of printed cotton with a modern leaf and flower motif in green are refreshing. From Adeline de Voo

(Above) This chintz with blue Delphiniums, rust colored Tulips and Pinks brings the garden indoors. Chintz Shop

Bright breasted birds nestling amid purple Irises add a gay note to a glazed chintz with yellow ground. Chintz Shop

(Above) The sweetness of an English garden is transferred to this Lilac chintz. From Rose Cumming

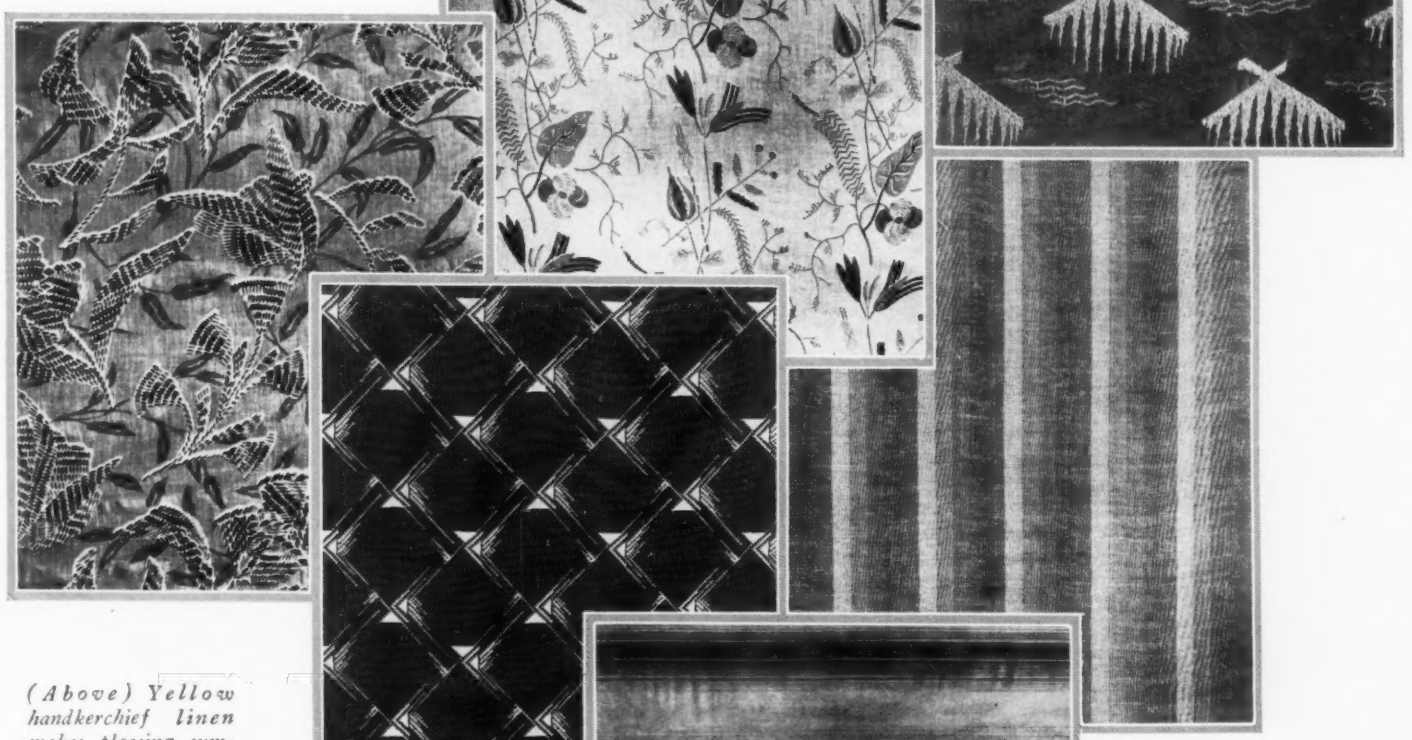
(Center) Vivid birds and flowers enliven the black background of this glazed chintz. From Ethel A. Reeve

(Right) A chintz in the French manner has baskets of Roses and blue bow knots on a peach ground. From Chandler Ireland

Yellow or cream glazed chintz with a decorative pattern of Double Poppies is excellent for covering large chairs. Thibaut

SUMMER GLASS CURTAINS

(Right) Delicate flowers and leaves in cool greens make this cotton voile desirable for glass curtains. In a cream or tan ground. Walter Johnson, Inc.



(Above) Yellow handkerchief linen makes pleasing summer glass curtains. From Lord & Taylor

(Top) Silk embroidered stalactites which suggest cavernous coolness make this beige rayon ideal. From Odom & Rushmore

(Above) The shaded stripes of this mohair fabric run from tan through apricot and gold to brown. Stern Bro's.

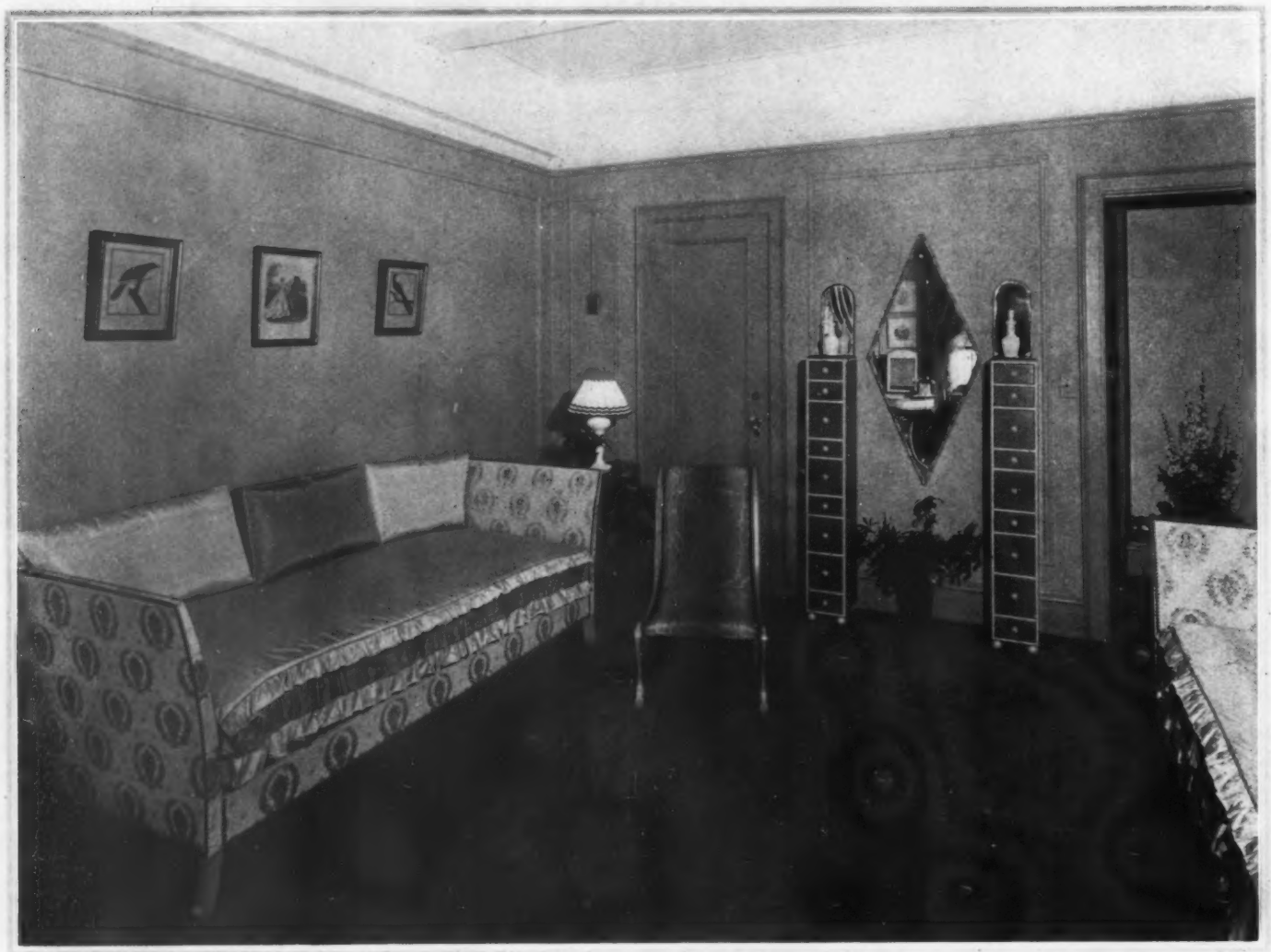
A fine cotton blends tones of cream, peach and brown into a shaded stripe effect that is most effective. Adeline de Voo

(Center) An écru colored glass curtain of net has a modern design woven in white. From James McCreery

(Left) Voile blocked off in squares of drawn work is available in a wide range of cool pastel colors. McCutcheon

(Left) This printed voile with its simple pattern of blocks in shades of blue or orchid comes from Bostwick & Treman

UNIV OF MICH.



Drix Duryea

The rooms on these pages illustrate ways of combining the new with the old. In every case the modern note is interesting, vigorous and in harmony with the decoration. Above are contemporary chests of drawers with Directoire pieces

The modern notes in this room are the wall paper, glass curtains, desk, chair covering, wall decoration and indirect lighting. Occasional furniture, overstuffed pieces and carpet are traditional. Helen Novak decorated both rooms

THE NEW MINGLES WITH THE OLD

Because of its simplicity, the modern note is frequently combined with Directoire furniture. (Above) Directoire chairs in silver with yellow leather seats, turquoise carpet, silver paper and modern glass curtains. Helen Novak, decorator

A modern wall paper in ivory is the background for English furniture in this living room with gray-green woodwork. Modern voile draw curtains are embroidered in copper. Helen Graeme Hammond & Margaret S. Taylor, decorators

Richard A. Smith

MODERN NOTES IN PERIOD ROOMS

U.S. PAT. OFF.

MORE NOTES ON BREEDING NEW ROSES

The Laws of Heredity and Their Application to the Offspring Of Various Named Varieties

J. H. NICOLAS

THE object of hybridization (the mating of two unrelated varieties) is to produce new varieties and to improve upon those already in existence by crossing two types, hoping to transmit to the progeny desirable traits of both parents.

This result is seldom attained in the first generation. Cross-breeding of the progeny of common parents and self-seeding are generally necessary, often for several generations, to bring out all the characters made possible by the original cross. The Law of Mendel, universally accepted as a primer of breeding science, has established the ratio of 25-25-50, meaning that the progeny of a given cross will show one-fourth closely resembling the father, one-fourth closely resembling the mother and one-half more or less a mixture of both. This is a law of averages, based on large numbers of seeds, which may not always seem true when a few seeds only result from a cross, but Dr. William Bateson, authority on Mendelism, says, "From the Mendelian discovery, the practical breeder learns a lesson of importance, that he must not discard the first generation merely because it does not give him anything he wants. It may be quite uninteresting from the horticultural standpoint, exhibiting some old-fashioned or reversionary type, but from the appearance of the first generation no guess can be made as to the possibilities of the second."

INFLUENCE OF PARENT PLANTS

The Mendelian theory has subverted the old belief (to which some hybridizers still adhere) that the seed-bearing parent governs the plant characters and the pollen parent the bloom. While not taking part in the argument, my own experience is that it matters not whether a variety is used as male or female, its influence on the progeny will be the same.

We must also take into consideration that, when using garden varieties as parents, we are dealing with long lines of ancestors and what we see is only the binding of a mysterious book, the contents of which may be revealed to us only a little at a time as we proceed from generation to generation, and some unexpected character or color may appear.

As an illustration we cross Radiance and Mme. Alexandre Dreux hoping to unite the wonderful plant characters of Radiance and the unusual color of Dreux. The first generation will give various types, possibly even red, not likely to come up to our expectation; we then select the most vigorous of these types, regardless of its bloom qualities, and crossbreed it with some of the other seedlings, also again with Dreux. We also plant self-seeds of the best types. These second generation seedlings will in all probability bring us nearer our goal and some may be quite desirable. A third generation may be deemed advisable; we then cross the most Radiance-like plant with the most Dreux-like flower. Among the seedlings of these generations we will find some showing traits unnoticed in either Radiance or Dreux—some unknown ancestor has come to the front again.

DEFINITE IDEALS

When taking up hybridizing, one must formulate a program. E. G. Hill, the grand old man of American Rosedom, wrote in 1907, "I should say by all means have an *ideal* in mind when attempting the production of a new variety of Roses through the medium of cross-fertilization. To eradicate faults in the parent is impossible, to produce a seedling that shall retain the good points of the parent with the weakness eliminated is well worth working for. This, then, forms an *ideal;* definiteness of purpose in any line of activity is essential to results."

Avoid the obsolete method of crossing everything expecting something to turn up. Local climatic conditions and personal taste might guide you. If you live in the North, strive for hardiness; if you are fond of yellow Roses, aim at producing a Rev. F. Page Roberts or a Mabel Morse with Radiance vigor and robustness. Constitution, meaning solidity of foliage, vigor, resistance to diseases and hardiness, should be ever present in the hybridist's mind when selecting at least one parent, and the progeny used in crossbreeding.

Some Hybrid Perpetuals can be very useful in reinforcing existing strains: Frau Karl Druschki is much worked, producing worthwhile results among which are two of the grandest Roses of recent introduction, one a first generation Climbing Hybrid Mme. Gregoire Staechelin, the other a second generation, Mari Dot, both as hardy as their glorious forebear. American Beauty, Henry Nevard, Ulrich Brunner, Gloire de Chedane Guinoisseau, Georg Arends, Mme. Albert Barbier and others can be used to advantage and will produce a strong race. There are also a few so-called Hybrid Teas that actually are Hybrid Perpetuals of dwarf form: H. V. Machin, Lady Alice Stanley, Captain Christy, Mrs. W. C. Miller, The General and Willowmere, the Pernetiana Hybrid Perpetual. Constitution can also be bred in by the use of Species Roses, as we have already seen.

Colors and combinations of colors are now so well represented in the Hybrid Tea-Pernetiana class that original colorings become more difficult to obtain, but so many of these varieties could be improved in vigor, habit of growth, foliage or hardiness. For example, Los Angeles as a bloom can hardly be surpassed, but the plant and foliage are as mean as the bloom is beautiful; therefore, an exact replica of Los Angeles bloom on a better plant with a lasting foliage would be a worthwhile improvement, as would a Chateau de Clos Vougeot on an upright growing bush or a fragrant Frau Karl Druschki.

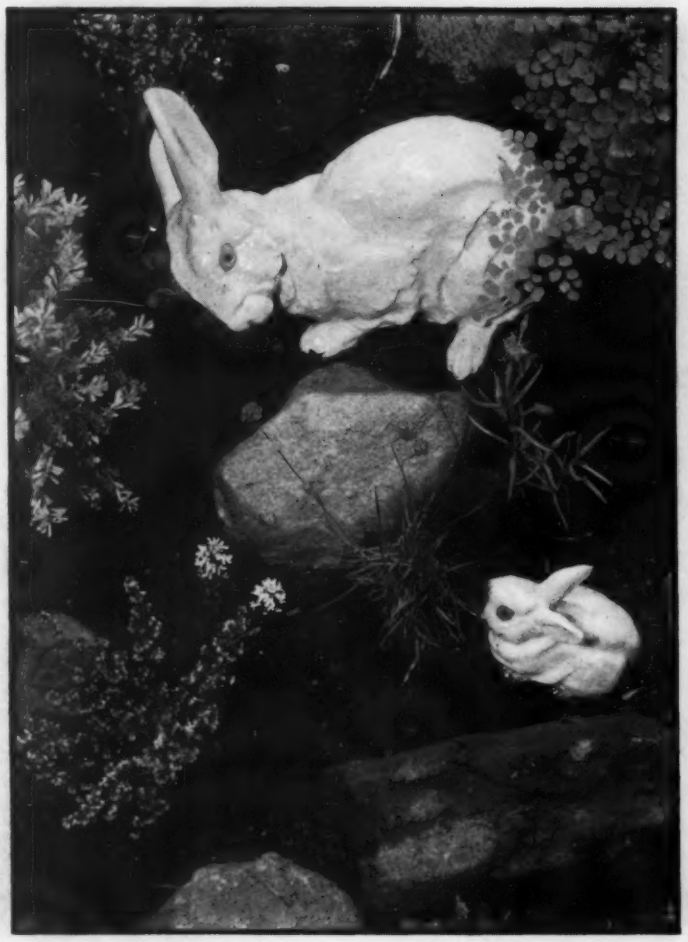
If one is breeding mainly for original colors, the more distant in colors are the parents the more striking are likely to be the results, and through the various generations some strange colorings may develop, especially if one of the parents is a Pernetiana of powerful type such as Julien Potin or Souvenir de Claudius Pernet. The latter was the pollen parent of the two most flamboyant Roses of recent birth: Li Bures (by Chateau de Clos Vougeot) and Talisman (by Ophelia or Mme. Butterfly).

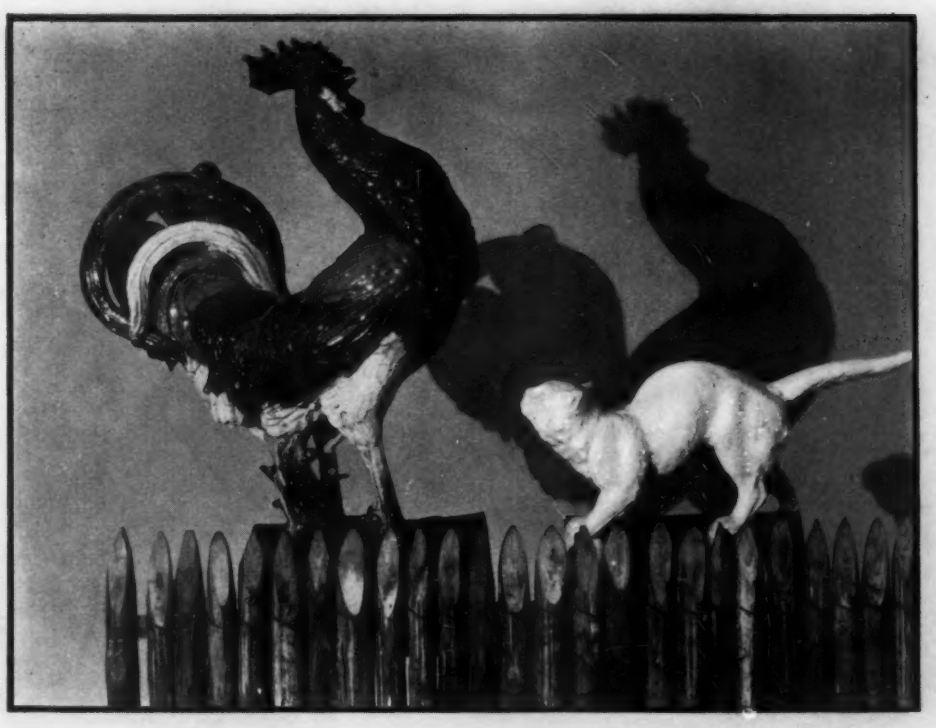
COLOR NOTES

Generally speaking, white and light pink are dominant in the first generation, then comes red; pure yellow is the most difficult to obtain. Yellow crossed with red or pink will generally produce a more or less pink first generation; these seedlings carried to the second and third generation will bring about some forms of yellow, but results would be quicker if another infusion of yellow were given the strongest seedling of the first generation.

Yellow pigment in garden Roses comes from two sources: Tea and Austrian Briar. The Tea source is more reddish gold (Lady Hillingdon) but less dominant than the Austrian Briar strain called Pernetiana, which is more truly Sunflower yellow. Although the latter is the quickest route to yellow—either solid or in combination—it should be used on one side only. Never cross two Pernetianas together because of

(*Continued on page* 146)





Ralph Steiner

Remarkably lifelike, these animals are a new and delightful note in garden decoration. They are life size and made of highly glazed pottery in naturalistic colors. Lewis & Conger

Imagine this gorgeous chanticleer silhouetted against the sky and flinging unheard melodies from the ridgepole of the house. The white pussy is also meant to be fastened to the roof

(Above) The black cat may be attached to a tree, fence or roof. These animals were photographed at the International Flower Show by courtesy of the Robert C. Reeves Company

GARDEN ANIMALS FROM NORMANDY

ON HAVING A RESTFUL GARDEN

DOROTHY HAMMOND

LIKE all new gardeners, when I first became enamored of flowery visions I wanted dozens of rows of annuals for cutting, quantities of Gladioli and Roses; and, of course, I tried many schemes for continuous bloom. It seemed necessary to have all my flower vases filled and a great surplus of admiring friends.

But my ideas have changed, grown gray (or sun-bleached, and at a short distance the effect is much the same) and, passingly sensible from experience, I have finally learned that I can be content with a few dazzling pictures in their season provided I have a quiet shaded retreat for the whole time it is comfortable to sit in a garden; and the plants I want to grow are those that make a very special and personal appeal. My "continuous bloom" ideas have entirely lapsed; and I have concluded to let my able-bodied friends raise their own flowers or get them from a florist—for I do almost all my own gardening.

After a little experimenting with planning flower borders, an enthusiastic amateur gardener finds that ideas expand faster than either pocketbooks or garden plots. However, in the final analysis, maintenance always remains the most expensive result of following the road toward new thrills.

So the gardener who eventually becomes a bit hard-headed mixes experience with varying

(Top) In a tangle of self-sown Alpine Forget-me-nots are Bloodroot, Cohosh, Columbine, Maidenhair Fern and Sedum ternatum

(Center) Several of our native Azaleas are noteworthy for their spring and early summer bloom, among them is A. rosea

The white form of Heuchera, grown from seed sown by the author, raises its graceful blossom stalks at the planting's edge

proportions of visions to the end that there is some reasonable compromise between the dream of waving masses of flowers and the prosaic fact that sufficient leisure must remain from hard routine work for the appreciation of the flowers. Plants which require immoderate fussing over are not worth the effort to people who not only garden but do many other things. If a plant needs many little attentions to make it thrive, it must be so beautiful or so interesting that it repays its care.

Surely every gardener who is personally responsible for the well-being of his plants wishes many times that he could contemplate his own garden with that interested detachment with which he can view the gardens of his friends. How indifferent he can be to plants that need staking, or weeds that need pulling—in another's garden! The real enjoyment of Hybrid Tea Roses is often marred by their insatiable need for spraying or cultivating or fertilizing. I still continue to be so burdened, but I have decided not to replace winter mortalities.

For the busy owner of a garden who not only cares for his plants and hopes to enjoy flowers as well as trees and shrubbery but also wishes to preserve some illusions of tranquillity in his garden, there are possible arrangements of flowers and shrubs that can encompass most of these ideas if the owner of the garden is willing to forego those flowers and color effects that are possible only in sunny, well-tiled borders.

Plants and flowering shrubs are invaluable if they will grow luxuriantly with a minimum amount of spraying and staking, hoeing and watering, after they are established in their permanent

(*Continued on page* 166)

(Top) Dicentra eximia, in the center of the group, blooms all of the summer. This is a later view of the section shown opposite

(Center) Iris cristata is one of the most satisfactory of our native Iris. It is a dwarf that comes from the southern States

In the center of the photograph shown at the right is a blossom of Iris tectorum, a shallow-rooted sort that grows best in rich soil

Mattie Edwards Hewitt

Irregular shaped slates and herringbone patterned brick are effectively combined in the Long Island garden of Mrs. Charles H. Sabin, of which Cross & Cross were the landscape architects. English Ivy is used to conceal the base of the sundial

VARIED DESIGNS FOR WALKS AND TERRACES

Suggestions for Patterns of Different Materials and Specific Advice on Methods of Construction

R. S. TILDEN

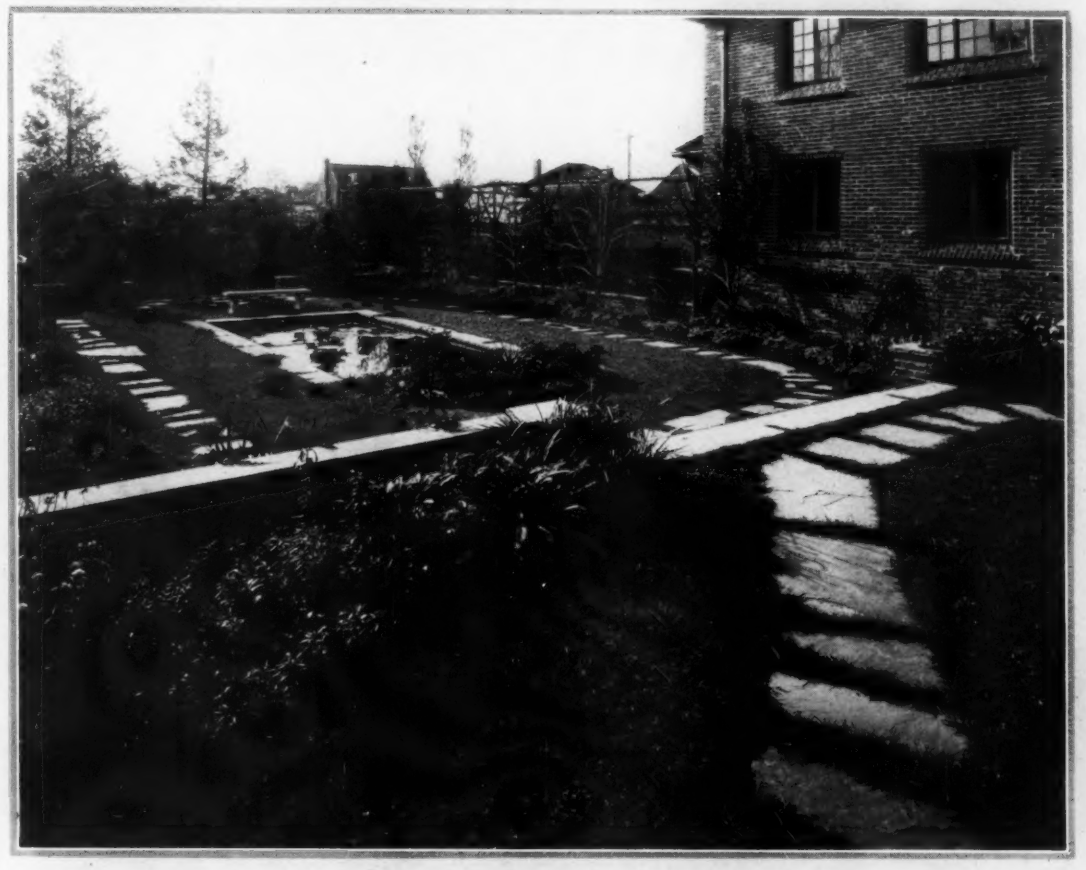
EVERYONE who owns or lives in a house has some connection with walks. The problem may be a very simple one, such as a walk straight from the front door to the street, or it may be extremely complicated and involve the layout of the entire grounds and gardens, calling for the services of landscape architects. Or it may lie somewhere between these two extremes.

But whether the matter of walks is a problem easy or difficult of solution, there are certain fundamentals present in every case. These universal questions include the plan or layout, the selection of a material, the design, pattern or desired appearance of the surface finish and what might be termed construction details. The plan is mentioned first, as usually this is the first question to be decided in relation to a walk.

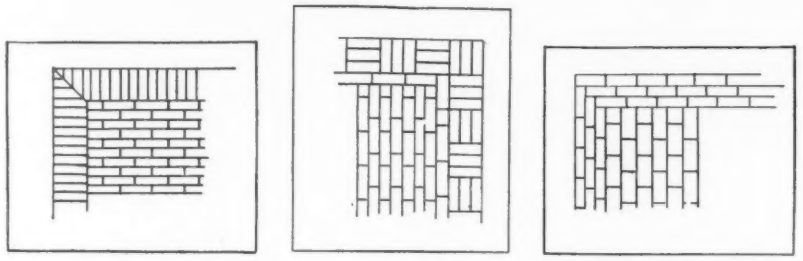
To be really successful the plan not only must take into consideration the primary question of getting "from here to there" but must fit into the surroundings. If, for example, the ground is not level the walks should follow to at least some extent the natural contours of the land. By so doing, not only will a better appearance result but the drainage problem will be simplified and construction costs decreased, due to the smaller quantity of earth to be moved. Also, the plan should follow in character the design of the residence. Obviously, if the house is simple and unpretentious, its walks and gardens should be laid out along simple lines. A more formal and elaborate residence would naturally call for more elaborate treatment of its pathways and gardens. The house near the street should avoid straight direct paths as tending to emphasize its nearness while the more direct routes may well be used when distances are greater.

Next to the plan, probably the selection of materials gets most consideration from the owner. He has a considerable variety from which to choose: cinders, crushed stone, gravel, field stone, brick and slate are among the possible materials. The first is not very popular as a surface material but is used extensively for the sub-surface. Crushed stone, or screenings as it is often called, and gravel are popular but have a tendency to wash during heavy rains and require more attention after placing than does masonry. Field stone is little used, probably due to the difficulty and consequent high cost of laying. A path of field stones, laid separately with the top just above the ground level and with liberal space for grass between, is about as attractive a

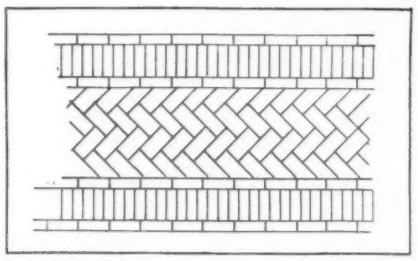
(*Continued on page* 130)



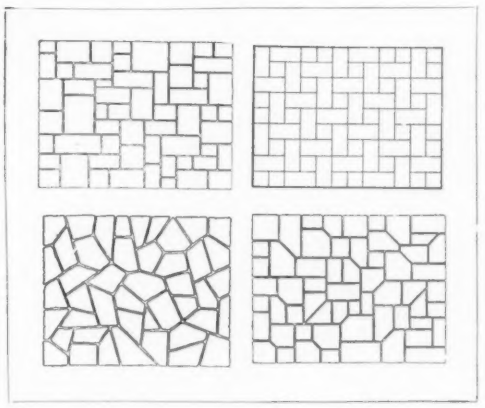
Large slabs of slate irregularly shaped and laid with grass joints between them, form a stepping-stone pathway that is both practical and of pleasing appearance

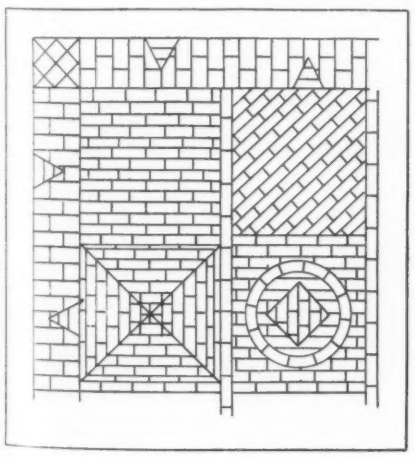


(Left) Many designs can be worked out for the brick walk or paved terrace floor. Some sort of border effect, differing from the main area, is usually desirable



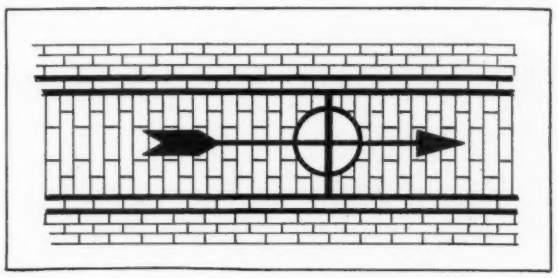
(Right) Slate as well as brick offers plenty of opportunity for the exercise of originality in design. The four patterns at the right suggest possibilities





(Above) The herringbone pattern is among the best for the center of a walk. It should have a border of different design

(Left) A brick terrace paved with square units of varying pattern. (Right) Slate and brick can be combined in a walk



THE MAKING OF PLANTS FROM CUTTINGS

A Method of Increasing One's Stock Which Is Interesting, Successful and Adaptable to Many Plant Families

F. F. ROCKWELL

TO many amateurs—even those who have had some experience in growing plants from seed—the idea of increasing their stock by means of cuttings seems to hold a suggestion of mystery, of the unfamiliar and little understood. This attitude prevents their taking advantage of this easy method of securing all the plants they may need of many of their favorite flowers or shrubs, and also of securing many choice specimens through the medium of exchanges with their neighbor garden enthusiasts.

There is, of course, nothing more mysterious about growing a new plant from a cutting than from a seed. Indeed, it always seems to me that it is the seed which is the greater mystery. I can conceive much more readily of the process of new cell development which goes on in a cutting, consisting of a functioning organism already in operation. But a seed! There you have something to intrigue the imagination—to challenge one's sense of awe, if not, indeed, to inspire a wonder that very nearly approaches the border line of religious mysticism.

But to return to our cuttings. A cutting—or a "slip" as you may still hear it called by the good housewife in the country who has been sensible enough to maintain a window garden like her grandmother's—is merely a piece or a section of some part of a plant which, when it is placed in a favoring environment, will begin to produce roots, then new top growth, and finally a new plant identical in type with that from which the slip was taken.

Some plants yield cuttings which will root with the greatest facility. Almost everyone has had the experience of sticking branches of Pussy Willows in water and finding them well rooted and leaved out by the time to discard them. The latest scientific experiments in connection with cuttings, such as those carried on at the Boyce-Thompson Institute at Yonkers, New York, indicate very strongly that practically all plants may be propagated by cuttings, once the correct method to use in each case has been ascertained. The experiments so far conducted have revealed some very interesting and astonishing facts concerning the way in which the various plants respond to differing treatments and conditions. They have resulted in the working out of much more certain and efficient methods of handling many of the plants ordinarily propagated by means of cuttings, and have added many more to the list of those which may be so handled. Concerning some of these interesting experiments which are of importance to the amateur propagator as well as to the professional, more later.

Moisture control in the rooting medium is greatly simplified by the use of an inner pot filled with peatmoss which is kept saturated with water

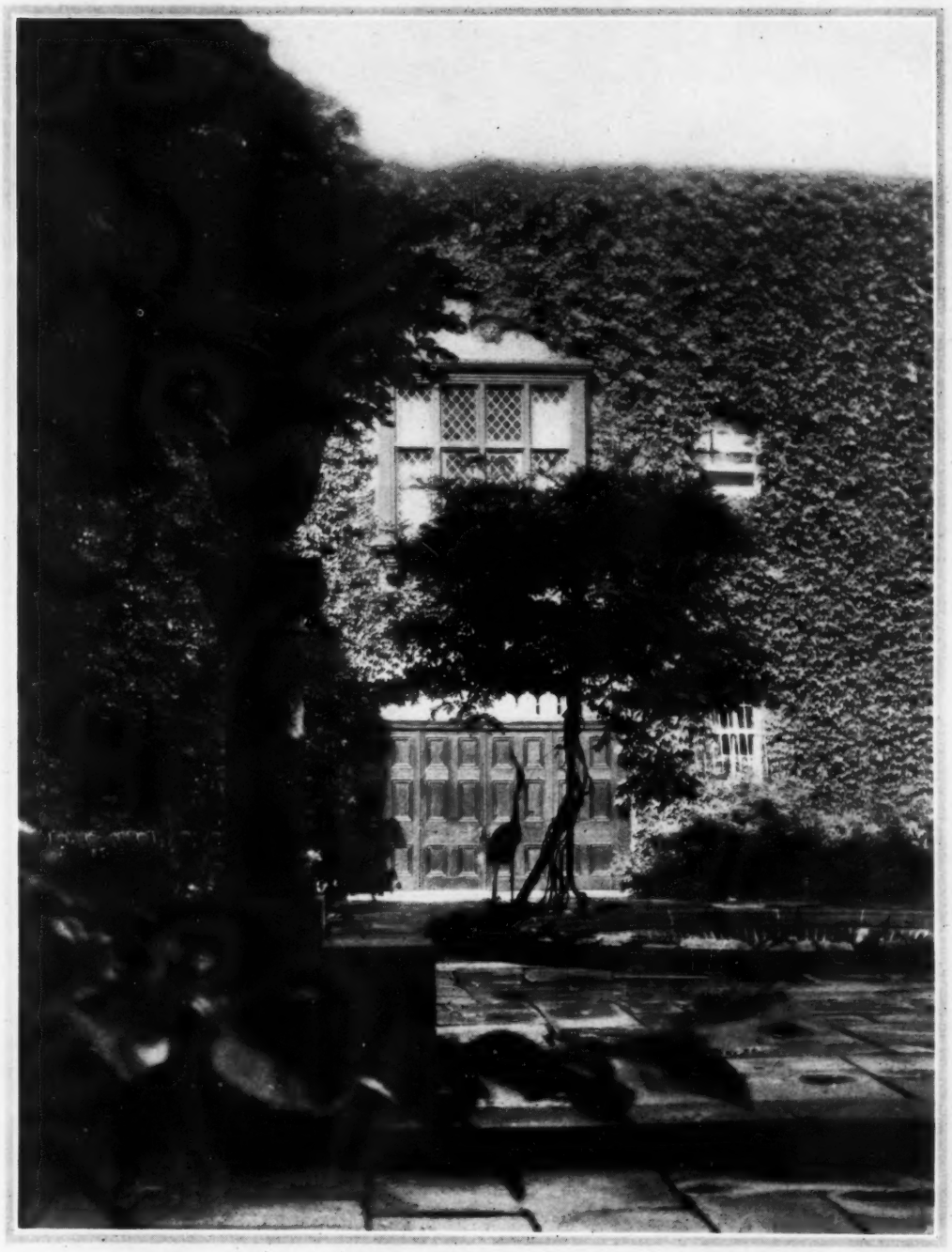
"But why propagate plants by cuttings?"

Well, to begin with, not all plants can be grown from seed. Many of them may be grown more quickly and easily by means of cuttings. Choice hybrid varieties of a great many garden flowers do not come true from seed. The popular varieties of summer flowering Phloxes, for instance, are maintained as individual varieties by propagating from cuttings, or by divisions of the old plant. The seed which they produce will give a great variation in color and many worthless plants. A plant from a

(*Continued on page* 162)

(Center) Three stages of plants from cuttings: left, too long in pot; center, ready for replanting; right, roots not quite enough advanced for moving

Various types of evergreen cuttings. Left to right, Dwarf Box, variegated Japanese Euonymus, Abelia chinensis, Redcedar, Japanese Euonymus and Box

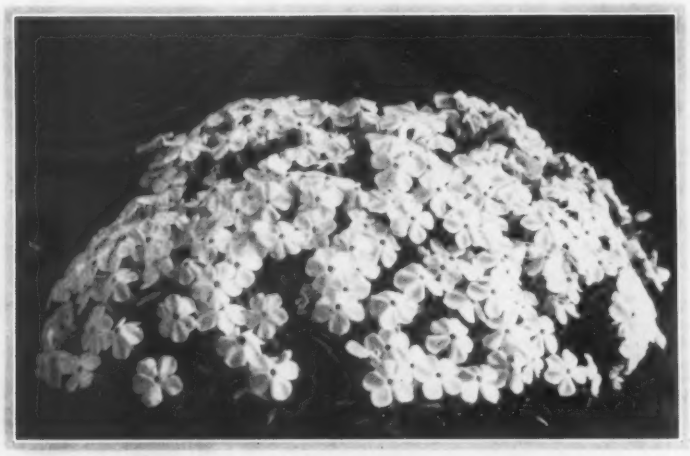


Margaret Bourke-White

The sun dial and the astrolabe, two instruments whereby man respectively marked the passing of time and studied the heavens in olden days, carry with them into the garden the air of age and quiet sagacity. They are almost essential in garden furnishing

The carved plinth vase and the lead heron posed beneath the tree are two of many elements that give this garden its aged air. Yet it is relatively new. Its location is Cleveland, the garden of Dr. Charles E. Briggs, designed by Bryant Fleming, landscape architect

APPROPRIATE FURNISHINGS HELP GIVE AGE TO A GARDEN



There are few plants which can match the Foothill Phlox for beauty and profusion of bloom. Its fragrant flowers are lavender or rose-colored

COLORADO ALPINES NOW AVAILABLE

Scores of Species Located by House & Garden's Plant-Stalking Expedition Have Been Tested and Proved Worthy

HERBERT DURAND

ONE growing season has come and gone since the House & Garden Plant-Stalking Expedition to the Colorado Rockies returned from its hunting, loaded down with rare floral plunder.

In three widely separated but typical localities of the country, the seeds, plants and bulbs we collected were introduced to more or less unfamiliar cultural conditions, although all possible effort was made to simulate those of their mountain homes. The behavior of each species in its new environment was carefully watched and recorded and it is now possible to announce what ones have so far proved most adaptable and seem most likely to make themselves at home and become permanent and delightful residents of our American gardens, wherever located.

I have recently received a communication from Mr. Darwin M. Andrews, my companion, guide and mentor on the expedition, telling in the form of an announcement the results of his experience last summer with the newcomers, in his trial gardens at Boulder, Colorado. It was obviously the thing to do to introduce them gradually to lower altitudes and Boulder, at about 3,000 feet elevation, was an ideal first stage on their journey eastward. So what Mr. Andrews has to say about the plants is very interesting, very informative and very timely.

After commenting on the articles regarding the expedition which appeared in this magazine last year and mentioning the flood of inquiries they inspired, he says: "Of course it could not be deter-

(*Continued on page* 154)

Delphinium nelsoni is a deep blue foothill species, flowering in early spring with much of the aspect of the well-known D. sinensis

The Brookside Shootingstar, a beauty of the lower canyons, has mauve petals shading to pink at the center and crimson tipped

J. C. Bennett

(Top, left) Sometimes the fragrant Sand Lily (Leucocrinum montanum) bears fifty of its pure white blossoms. A bulb that likes sandy soil

(Lower left) Like the eastern Mertensia, the Foothill Blue Bell's buds are pink and open azure blue. It flowers somewhat later in the season

(Right center) Eriogonum flavum is the Sulphur Plant so familiar to those who know Colorado, where in midsummer the foothills glisten with it

(Left center) The American Pasqueflower thrives in a sandy, acid soil where in early spring its silky buds open into pale purple blossoms

(Top, right) A good-sized colony of this white to rose-pink tufted Sundrop is a sight to be remembered. A sunny rock garden is ideal for it

(Lower right) The Mountain Spring-beauty, with many-flowered stems and pale rose coloring, grows near the streams, usually in moist thickets

Reginald A. Malby

Rosa alba, a very widely distributed species, has large, semi-double blossoms with golden yellow stamens. It is especially lovely when suitably arranged in low glass flower baskets

Another fine old Rose is R. mundi, with irregularly white striped petals—perhaps the best of the striped varieties, now so seldom seen in gardens. This is a very fragrant, semi-double kind

SOME ROSES OF OTHER DAYS

Old-fashioned Gardens Contained a Number of Sorts That Are Well Worth Seeking Out and Planting Today

LOUISE BEEBE WILDER

HAD I not had the advantage of growing up in an old-fashioned garden I should probably never have known the charm of the Roses that our grandmothers grew. It has been many years since they were welcomed in any but very rural and old-fashioned surroundings. The great variety and beauty and versatility of the modern Rose seems to have cast most of the older varieties into the shade.

My mother's Rose garden at our home near Baltimore was quite famous in her day. In a neat pattern of little beds she grew the best Tea Roses and Noisettes procurable at the time. Bon Silene, Bouquet d'Or, Catherine Mermet, Devoniensis, Safrano, Isabella Sprunt, Mme. Jules Margottin, Marie Guillot, Marie van Houtte, Niphetos, Perle des Jardins, Souvenir d'un Ami and so on—their very names still smell sweet. But beyond the pale of this little formal plot was a no-man's land where grew great tangled bushes of Cabbage and Moss and Damask Roses, and the Persian and Scotch Briers, that had been there long before the old place came into our hands and made of June a time of such riotous Rose bounty as the Junes of today, presided over by the exquisite and reserved Hybrid Tea, do not even hint at. Also in my grandfather's garden in Massachusetts, which has been changed very little during the last hundred years, grew the old-fashioned bush Roses, cheek by jowl with the shouting Tiger Lilies and old purple Phlox and swarming Ladies Delights. No one ever thought of giving these friendly old Roses a bed to themselves and most certainly not a whole garden. Being flowers of a single season they were grown in the borders among the shrubs and the perennials, each having its own day of supremacy.

And while I want to say a word for the restoration of the old-fashioned Rose it is not as a rival of the new beauties that I suggest its return. It has no place in the modern Rose garden, but in the hardy borders, among the Irises, Sweet Williams, Peonies, sweet-scented Valerian and Canterbury Bells, it has a very distinct place and lends to any garden an abiding charm and sweetness that cannot but be a delight to its possessor. In such situations the old Roses are well able to take care of themselves, and if properly pruned will give a wealth of fragrant and colorful bloom during June.

(*Continued on page* 148)

A delicious fruity fragrance characterizes the single white flowers of Rosa bracteata, one of the wild species that look especially well when planted in among the mixed shrubbery borders

(Right, above) The Damask Rose, brought from Syria to Europe by the Crusaders, was one of the ancestors of the Hybrid Perpetuals. There are both red and white varieties of it

(Right) When Pliny wrote of the hundred-leaved Rose he was describing the Cabbage Rose with its large, globular and very double blooms of pink, delightfully scented. Still obtainable

Rosa hugonis, shown below, deserves a place in every garden along with those two other fine Roses of an earlier day, Persian Yellow and Harison's Yellow. All these flower profusely

A GLOSSARY OF ORIENTAL RUGS

Characteristic Features of Various Groups and a Listing of Antique And Modern Types Under Individual Names

MR. and MRS. G. GLEN GOULD

THERE are about five hundred names for Oriental rugs and often the same rug is widely known by several names. Great confusion has existed as to these names, and since older patterns and weaves may now be produced anywhere, under the factory system, even greater confusion as to groupings of rugs and their local origin.

Oriental rugs are classed as Persian, Indian, Caucasian, Central Asiatic, Asia Minor—including Turkish—and Chinese. Persian, Indian and Indo-Persian—in which Indian and Persian influences combine—have the finest weaving and most elaborate and minute designs. The Persian rugs have the most exquisite colorings, the antique Ispahan supreme. Persian patterns are floral and arabesque with frequent medallions; the warp is usually cotton, more generally so in modern rugs.

The Asia Minor group is distinguished by geometrical or highly conventionalized designs, woolen warp and weft—except latterly, colored weft, colored web ends without pile, frequent long pile, gay, brilliant colorings.

The Caucasian group has geometrical designs, often fringed with the little angular crooks known as latch-hooks, woolen warp, ends webbed, with fringe; pile long, short, or medium; brilliant, gay colorings.

The Central Asiatic group includes the rugs of its nomadic tribes, the designs geometrical, the field of the rug covered with octagons or diamonds; rich colorings, both light and dark, tending to reds, long and very long end webs made either with or without fringe.

Chinese rugs make distinctive use of medallions, frets and Chinese art motifs; cotton warp—antiques occasionally silk; often long pile, modern very long and thick; much use of blue and yellow.

The Indian group resembles the Persian in design and coloring, the motifs more realistic and lacking the exquisiteness of Persian design, the colorings usually in sharper contrast.

Ak-Hissar: Antique, named from the Asia Minor Town. These rugs resemble Kulahs and Ushaks.

Anatolian: Antique and modern, modern differing from antique, Asia Minor—Turkish; small sizes, many prayer-rugs; geometrical or conventional floral designs.

Animal Carpets: Antique, Persian; designs containing animals, 15th-16th Centuries. The Dragon Carpet of Armenia—archaic dragon and phoenix forms, made from the 14th to the 17th Century.

Arak: Modern, Persian; resembling Mahal.

Ardabil Carpet: Historic 16th Century piece, 17½ x 34½ feet, made for Ispahan Palace of the Forty Columns. Now in Victoria and Albert Museum.

Baktieri: Antique and modern, Persian; geometrical designs, bold colorings; better than Gorevan.

Baku: Antique and modern, Caucasian; geometrical pear, bird and other designs; dull, faded-looking colorings.

Beluchistan: Modern, Central Asiatic—Turcoman; Khiva type, small all-over geometrical designs; prayer-rugs with *mihrab* or niche; characteristic madder reds predominating.

Bergama: Antique and modern, Asia Minor; various designs, rich deep blues and reds; usually nearly square, long pile, end webs with colored stripes.

Beshire: Antique and modern, Central Asiatic—Turcoman; striking patterns, colorings like Bokhara, wide web ends.

Bijar: Antique and modern, Persian; central medallion or mixed conventional designs; bright colorings, principally red.

Bokhara: Antique and modern, Central Asiatic; known as Royal, Princess, Tekke, Yomud and Khiva Bokharas, and also as Afghans. Geometrical designs; dark reds predominate.

Broussa: Modern, Asia Minor pieces for foreign trade; excellent wool and silk, comparable to Smyrna rugs.

Burujird: Antique and modern, Persian; pear design suggests Saraband, mistaken for Iran.

Chichi, Tzitzi or *Tchetoen:* Antique and modern, Caucasian; resembles Shirvan; pear and other geometrical designs; wide, many-striped border; ivory, blue and red predominate.

Chinese: Rugs classed in the art periods of ruling family or emperor: Ming (1368-1644), strictly Chinese designs; K'ang Hsi (1662-1723), Persian influence. Factory methods used since mid-19th Century, antiques reproduced. Medallion motif is of Chinese origin.

Daghestan: Antique and modern, Caucasian; resembles Kabistan; lattice and small motifs; contrasting colors, rich dark red, blue and ivory predominate; short pile.

Damascus: Antique, extremely rare museum pieces, especially the 16th Century examples.

Demirdji: Modern, Asia Minor, Turkish factory center near Smyrna; closer weave and better wool than Ghiordes.

Derbend: Antique and modern, Caucasian; antiques suggest Kabistans; modern pieces resemble Daghestans, longer pile, reddish brown web ends.

Designs: Floral and geometrical in all-over repeat, lattice or diagonal, arabesque, medallion or pole medallion. Notable Persian designs: *Herati* or Fish pattern, *Guli Hinnai*—the Flower of Hinnai—*Mina Khani* and *Shah Abbas*—both named from Persian rulers.

Feraghan: Antique and modern, Persian; medallion or all-over Herati or Guli Hinnai pattern, Turtle border design. Dark blue and red predominate.

Garden Carpet: Antique, Persian; formal garden plan with flower plots, fountain and streams; also informal *mille-fleurs* designs with myriad flowers.

Gengha: Antique and modern, Caucasian; resembling Kazak and Karabagh; designs vary; blue, red and white predominate.

Ghiordes: Antique and modern differ, Asia Minor; red, blue and white predominate but are not used in large masses.

Gorevan: Antique and modern, Persian; large central medallion, archaic designs, etc.; dull red, dark blue and buff predominate; carpet sizes, nearly square.

Hamadan: Antique and modern, Persian; mostly modern, wool, camel's hair or silk; medallions and pole medallions, broad plain band of camel's hair surrounds wide border; red, blue and chestnut predominate; many mats and runners.

Herat: Antique and modern, Central Asiatic; Persian influence. Modern designs: pear, Herati or large central medallion; red, blue, with green, yellow, ivory. Large, almost square.

Hereke: Antique and modern, Asia Minor. Copies of old Persian silk rugs.

Herez: Antique and modern, Persian; a fine modern Gorevan, also known as Serapi.

Holbein Rug: Asia Minor, 16th Century Ushak, so called because pictured in Holbein's paintings.

Hunting Carpet: Antique, Persian animal rug, notable late 16th Century examples. Symbolic designs and colorings depicting hunting scenes.

Indian: Antique and modern, East Indian. Typical designs: compartments with floral sprays, Persian designs rendered naturalistically. Modern factories reproduce Persian and European designs.

Indo-Persian: Rugs showing both East Indian and Persian influences in design and

(*Continued on page* 134)

R. M. Luster

AFTERNOON IN TEXAS

The lush laziness of a Southern afternoon is expressed in the lacy shadows falling across this pagoda-roofed doorway in the home of W. T. Campbell, at River Oaks, Houston, Texas. The architects were Briscoe & Dixon

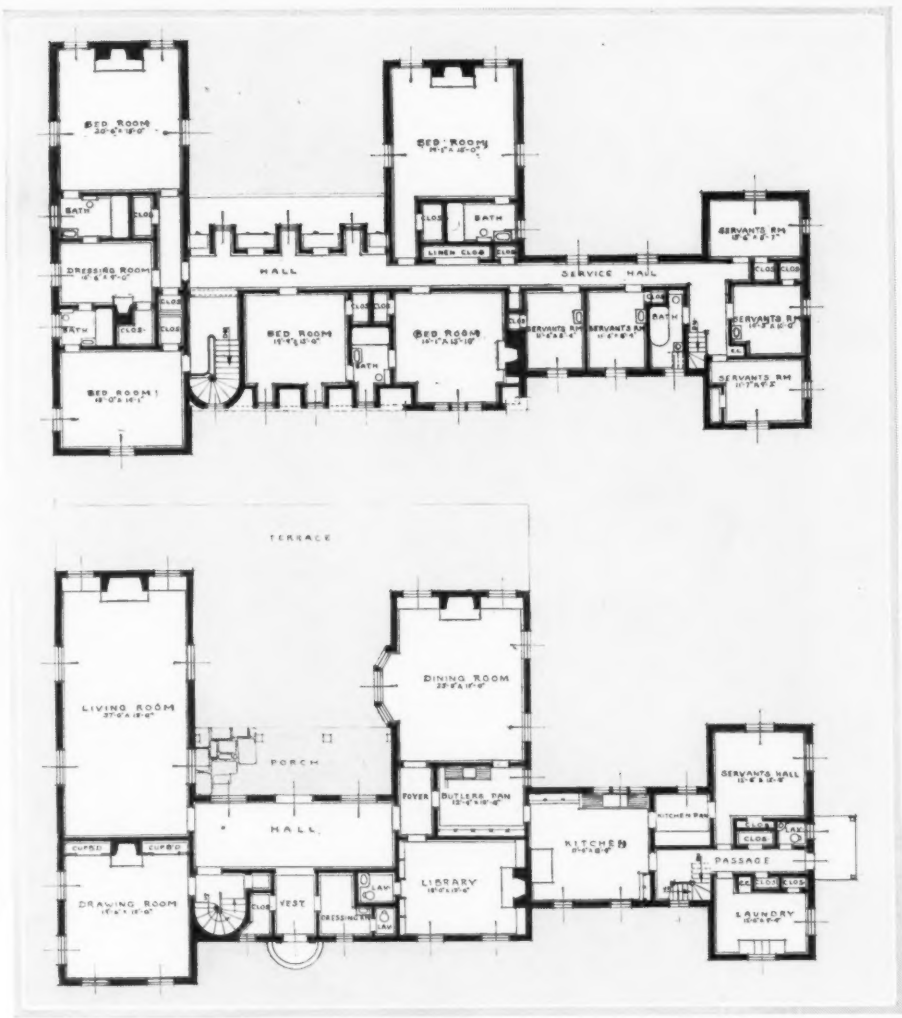
UNIV. OF MICH.

NORMAN AND ENGLISH ARCHITECTURE

UNITE IN THE DESIGN OF A LONG ISLAND HOUSE

S. H. Gottscho

Judicious combining of traditional Norman and English provincial details gives unusual character to this residence. The rear porch, as shown at the left above, faces broad grass terraces. The home of Charles A. Blackwell, Brookville, L. I.



The rambling, informal aspect of the front façade is accented by low-lying roof lines. First floor windows are extremely large, descending to within a few inches of the floor. Corner quoining and decorative window lintels are of limestone

To provide each room with maximum light and air, the house proper was laid out in a squared "U" formation. The extreme ends of the letter are occupied by living room and dining room, respectively. A large service wing is at the right

In addition to a suite of two bedrooms and baths, connected by a dressing room, the second floor has three master bedrooms and two baths. In this issue the "Portfolio" shows interiors of the Blackwell residence. Polhemus & Coffin, architects

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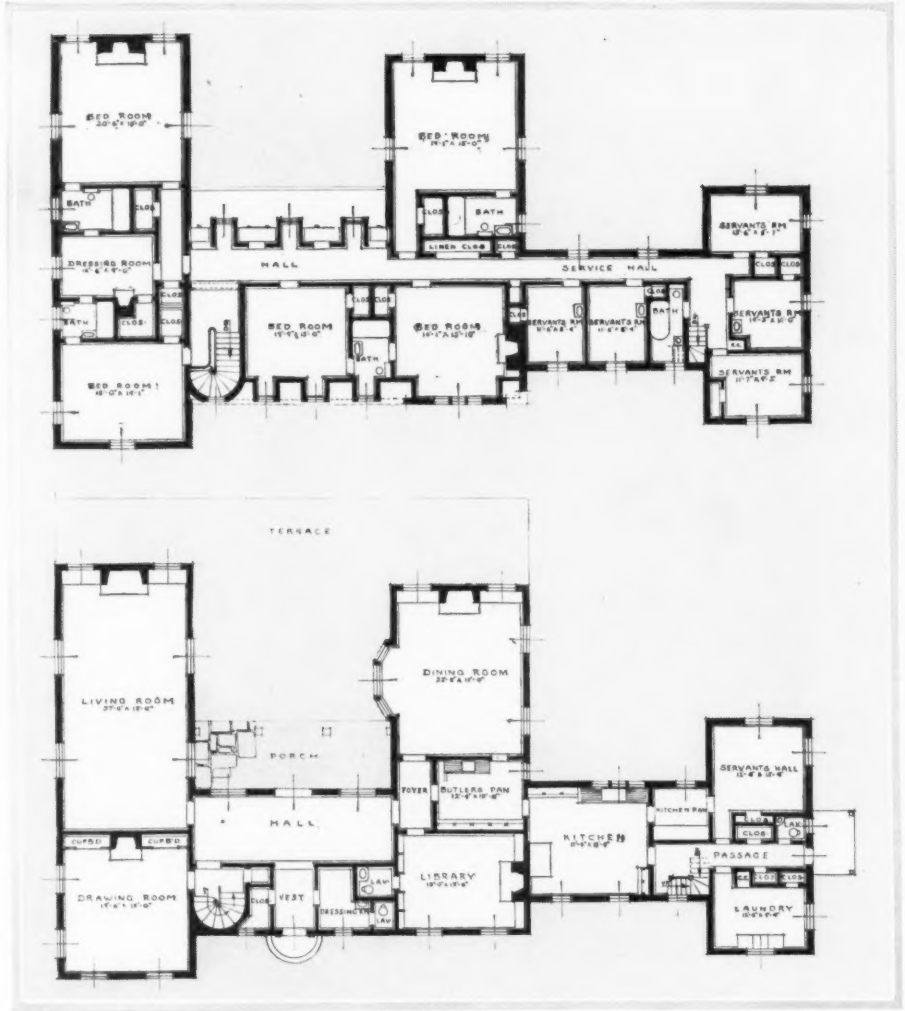
NORMAN AND ENGLISH ARCHITECTURE

UNITE IN THE DESIGN OF A LONG ISLAND HOUSE

S. H. Gottscho

Judicious combining of traditional Norman and English provincial details gives unusual character to this residence. The rear porch, as shown at the left above, faces broad grass terraces. The home of Charles A. Blackwell, Brookville, L. I.



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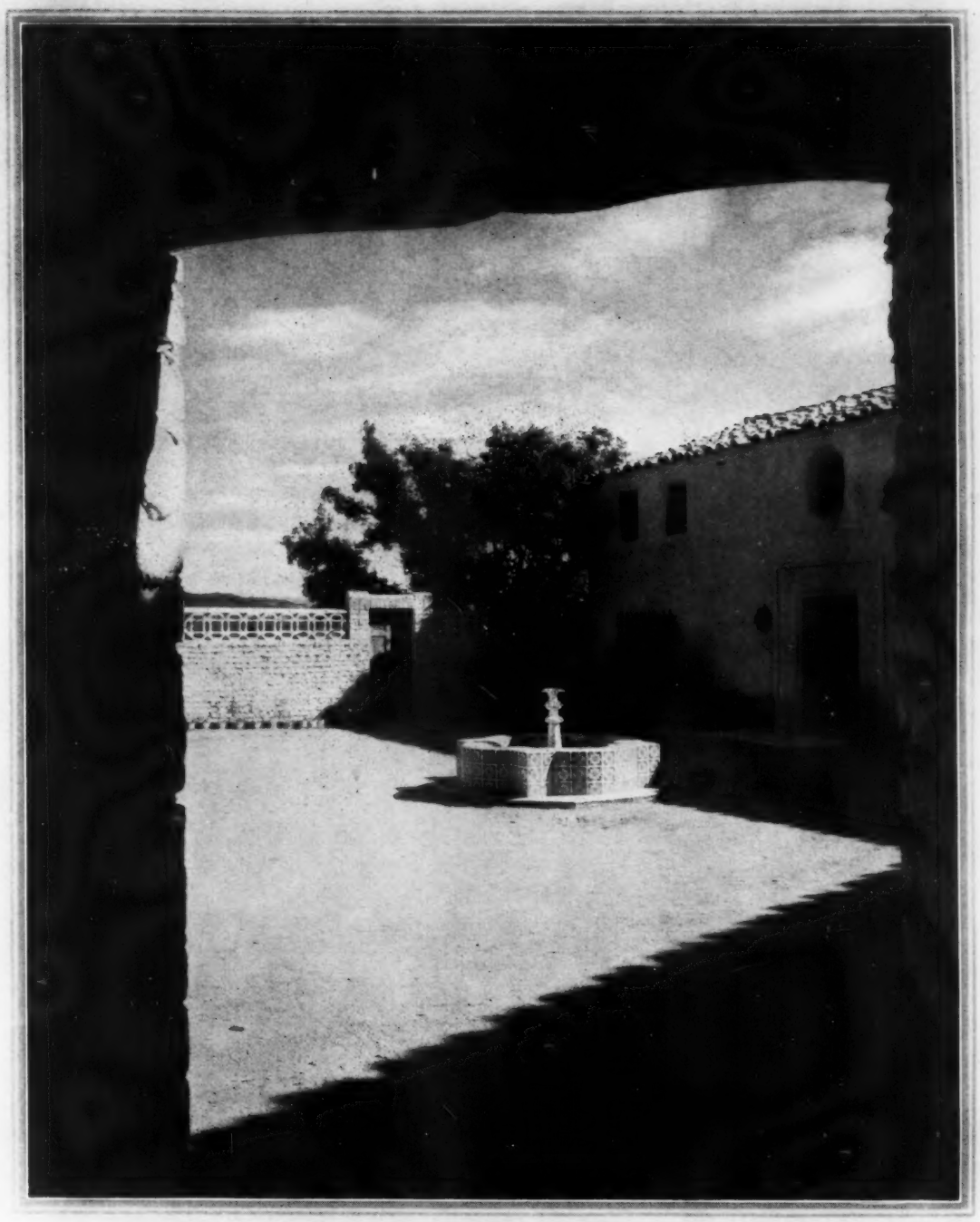
The Mott Studios

(Above) The living room wing, which includes living room and sun-room loggia, of the Aleck Curlett residence at Bel-Air, Los Angeles, Calif., is made of stone tile laid up to imitate adobe. The bedroom wing is seen beyond

At the west side of the house, adjoining the patio, has been constructed a little "lath house", so built that it will turn away the sun while, at the same time, it eagerly welcomes the slightest breeze. Homer A. Boushey was the architect

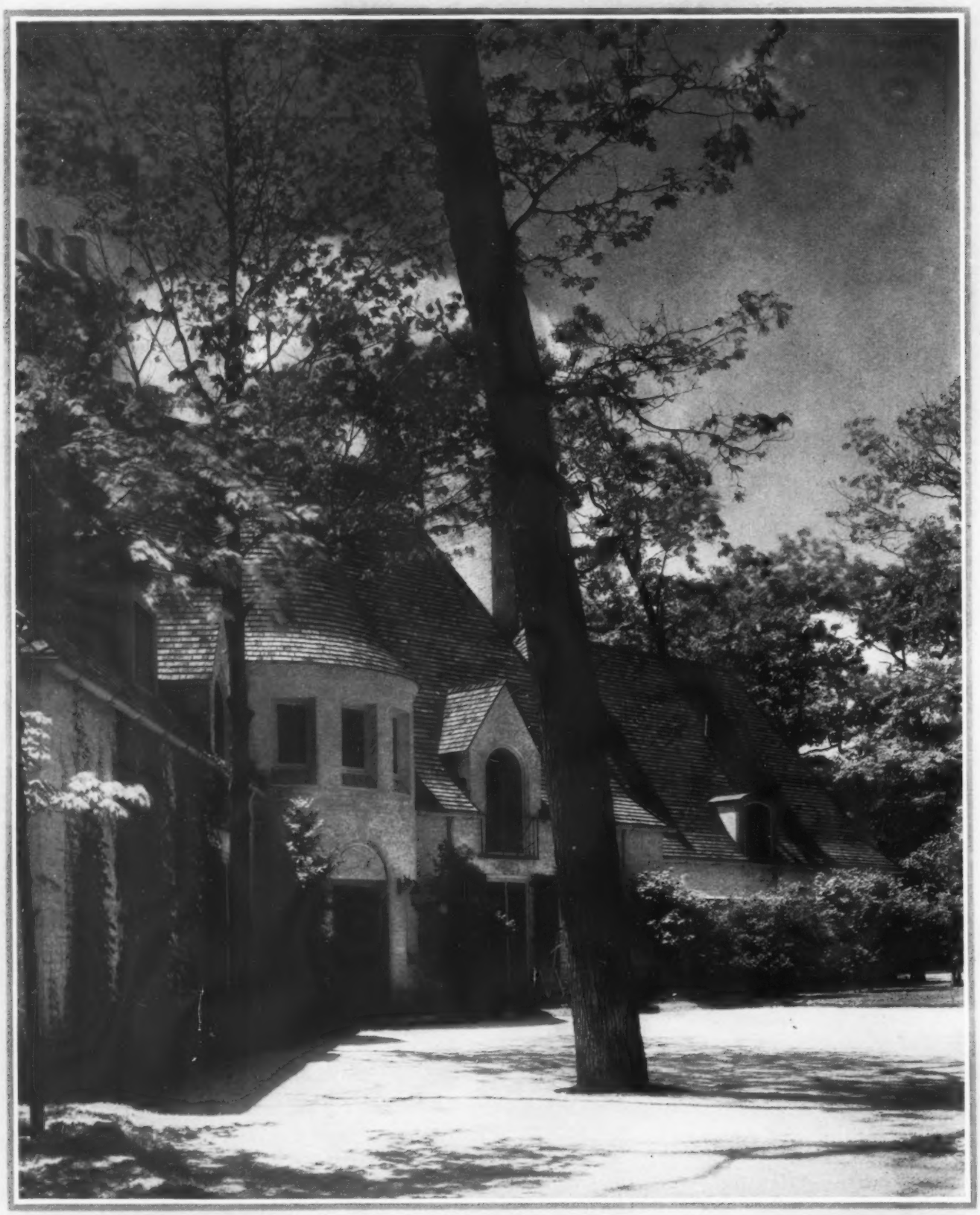


(Left) Entrance to living room from patio. Patterned tiles decorate door opening and reveal. Whitewashed timbers make picturesque window lintels. A portion of the sun-room loggia is visible to the right

Looking across the forecourt of this residence, toward the main entrance, a quaintly designed, tiled Spanish fountain catches the eye. Note the pierced pattern along the top of the high patio wall beyond

IN A SUBURB OF LOS ANGELES

UNIV. OF CH.



Tebbs & Knell

TRANSLATING RURAL GALLIC

The French farmhouse is translated in many mediums when it appears in the American countryside, and one of the most successful of these is white-washed brick. The home of H. T. Millet, Lake Forest, Ill. Russell Walcott, architect

PROGRESS WITH THE HOME LAUNDRY

Coördinated Electrical Equipment and Comfortable Working Conditions

Speed the Filling of the Laundry Basket

ELIZABETH HALLAM BOHN

NONE of the homely tasks in the service department is more gratifying in its results than the domestic ceremony of wash-day. The fresh, clean smell of snowy linen calls to mind the homespun figures of Millet, the old-world *blanchisseuse de fin* singing at her washing beside a sunny stream. But the modern laundry basket is filled by no such primitive methods, romantic and time-consuming. The laundress of today moves familiarly among safe and efficient electrical devices. Whether she be skilled or ignorant, employed in large home or small, there is for her appropriate specialized equipment to carry the burden of "Blue Monday."

PLANNING THE LAUNDRY

It would be poor management indeed to tie up several thousand dollars in elaborate machinery de luxe for a small family's simple washing. For such homes comes lighter equipment, less in first cost. It would be equally short-sighted for the large family with many guests to plan its laundry without the heavy duty machines which will hold up under the hard and constant usage required of them. Recently we talked with an engineer whose unique profession it is to design and install home laundries. Families, affluent or in modest circumstances, in Sweden, Honolulu or anywhere on the globe, benefit, through his efficient blue prints, by the wide range of American devices for the simplifying of the family wash. His installations range from five hundred dollars to several thousands.

"To suit the laundry to the individual home" he said "it is necessary to know first, the family unit. How many in the home? Are there small children, necessitating frequent washing? Does the laundress come in one day a week, or can the work be extended over a longer period by one having other duties? Then the equipment itself must be so balanced that no one piece must wait upon the capacity of any other."

It was thought that the unskilled laundry worker would be antagonistic to the new devices which take all the glory from fatigue. Instead she is coming to demand the up-to-date equipments. Under tactful training, few but appreciate their value. The simplicity and sturdiness of construction and the safety devices, included in all good home machinery make their operation very simple, and the explicit directions which come with each unit take all uncertainty from their use. In the perfectly run laundry these instruction cards are always tacked to the wall above the device they explain.

The model laundry boasts a generous supply of hot water; a device for mechanically cleaning the clothes with a minimum of human effort; direct heat for any necessary boiling; equipment for quick drying without shrinking or yellowing, and facilities for ironing speedily and comfortably. The means to this domestic millennium has been provided a thousandfold by the manufacturers of equipment.

But it is the human factor—the *x* in the household equation—which determines which equipment will furnish the special features to give individual satisfaction. Where skilled laundress, or the home-maker herself, operates the machines, speed may be sought rather than simplicity and fool-proof durability. The problem of servicing must also be investigated, as some manufacturers focus their distribution within a limited radius. And in country homes, where the water supply sometimes becomes temperamental in mid-summer, the washer less extravagant in its use of hot water will be looked upon with the greatest favor.

WASHING MACHINES

When continuous hot water is not assured by a kitchen range, one of the excellent gas, oil or electric water heaters, connecting with the boiler, forms the initial item in equipping the laundry. Then comes the all important choice of the washing machine. These are of four standard types—the oscillator, vacuum, agitator and cylinder. But the kind of motion which effects the cleansing of the clothes is less important than such points as its capacity and speed. Must the machine be simple and durable for a day worker, newly landed, or can it be one requiring more intelligent handling? Will the laundry program be one which can include a centrifugal drying feature, either separate or built into the washer? Or will a drying cabinet give better results? The supplying of the water and disposal of waste is another point. Where set tubs already exist, one of the open vacuum washers may be installed. This washes, rinses, blues and wrings the clothes electrically right in the tubs, conducting three operations simultaneously or each separately, at the pleasure of the operator. In many electrical showrooms, the different machines are now impartially demonstrated. It is essential to study the good points of each before a decision can be made as to just which type best suits the individual requirements.

The recommendations of the electric wringer are strong construction, ease of operation and quick safety release. The speed with which the work can be turned off rests, too, on ability to swing the wringer to any desired angle. The motor must be strong enough to operate both washer and wringer at once without too much loss of speed. Where a centrifugal dryer, right within the washing container, spins the clothes to ironing dryness—or almost totally dry—all the heavy work of lifting wet clothes is eliminated.

THE DRYERS

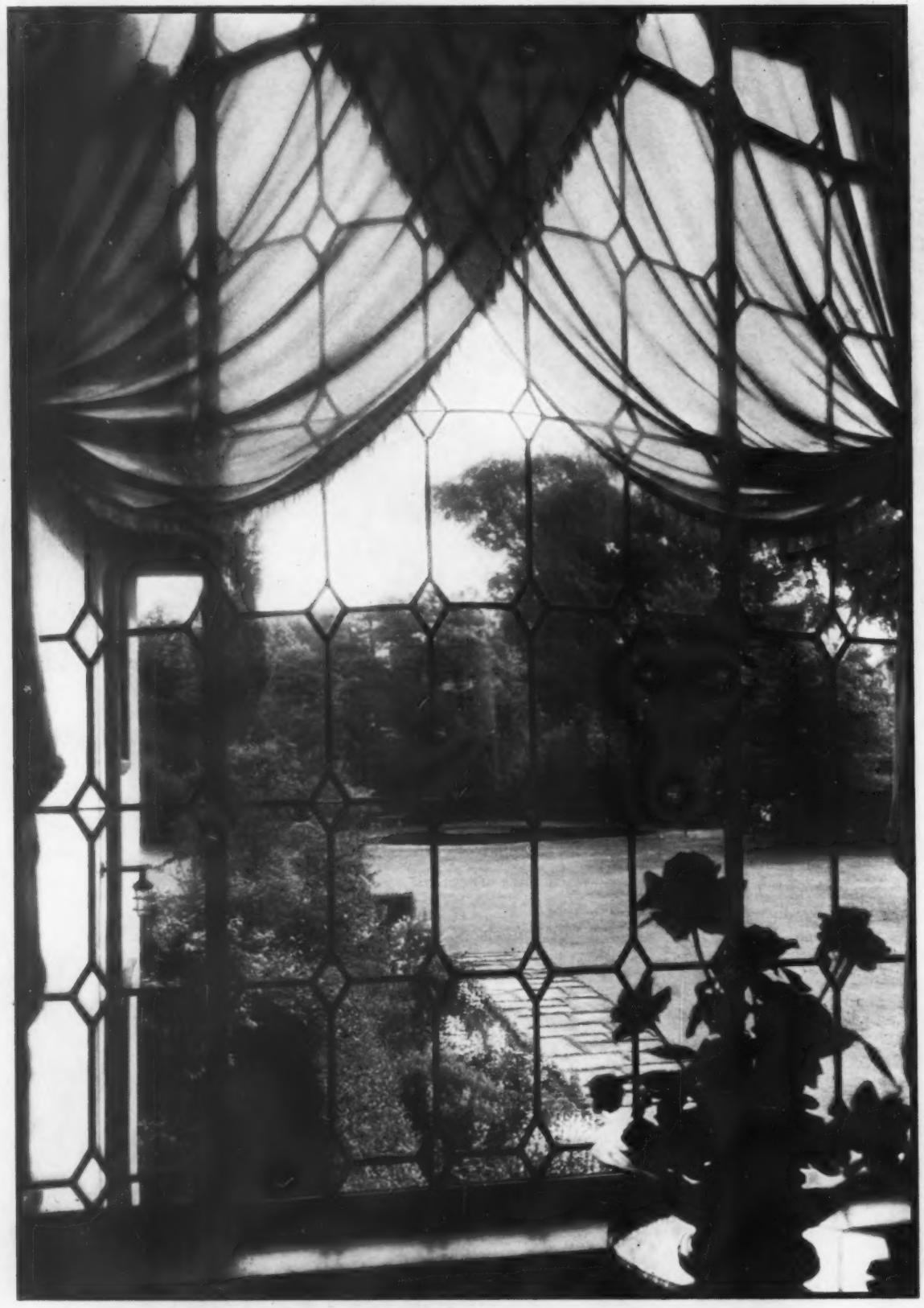
Today, even the family that can still boast its (sometimes) sunny clothesline, looks with favor on the mechanical dryer. In various sizes, the drying cabinet—using gas, kerosene, or completely electrified—draws in air over its heating element, then circulates it through the drying chamber. It picks up the moisture from the clothes and passes it into the chimney through a large exhaust pipe. Where the chimney is distant or absent, a motor fan accelerates the draft. The clothes come from the dryer white and fresh, with no change in the "natural moisture content" and not pulled out of shape by clothespins.

The once back-breaking routine of ironing is transformed by electricity into a leisurely matter of guiding the damp flat pieces through the machine and of easing gathers over the open end. The device may be gas heated or completely electrified. In at least one make, considerable first cost is saved by the arrangement which provides that washer and ironer may use the same motor interchangeably.

For the fine points in ironing come the hand irons in different weights. Thermostatically controlled, they cut off the current when the determined heat has been reached. Luxurious ironing boards adjust to different levels. The cord attached to the iron comes down from above without dragging over the work. Open at the end and firmly mounted on a heavy metal foot, with separate sleeve board, these help to make a real pleasure of fine ironing.

The ideal laundry is above ground, airy and flooded with sunlight. But with the installing of gas or oil burning furnaces, many a basement gains space which, except for this feature is ideal for this purpose.

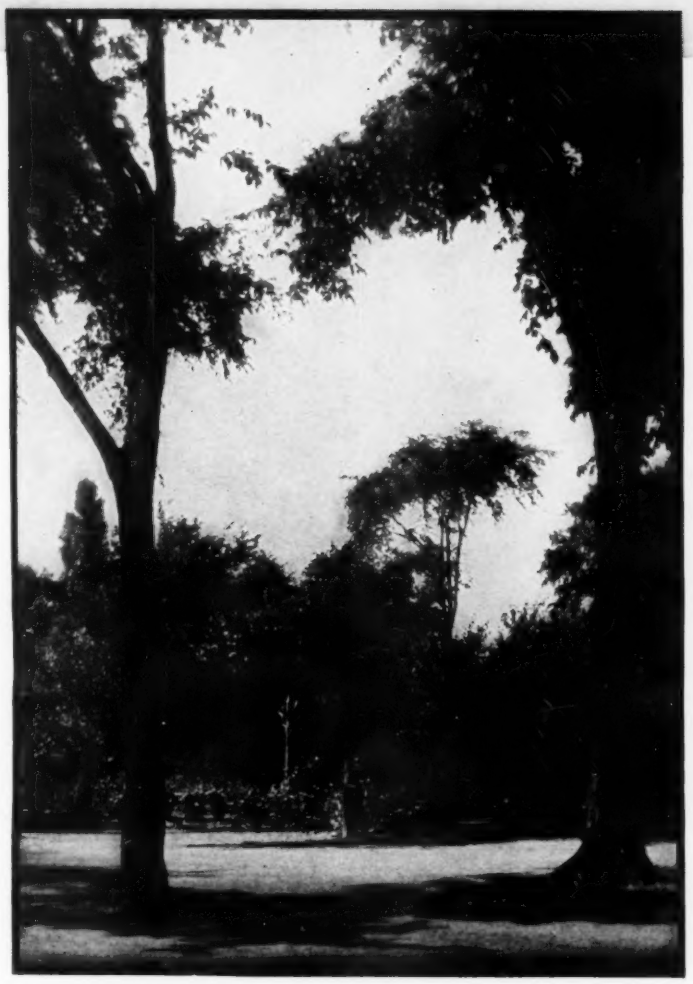
(*Continued on page* 132)



Margaret Bourke-White

ABOVE A CLEVELAND GARDEN

Any view, be it garden or distant scenery, is more easily grasped when the muntins of a window focus its beauties. From this leaded stairs window in the home of J. Prescott Burton can be enjoyed the calm reaches of the garden. A. Donald Gray, landscape architect



The focal point of the lawn behind the house is an oval Lily pool in which the house roof is reflected with dramatic sharpness on a clear day. This open stretch of lawn gives the environs of the house an air of size and tranquillity

A Rose garden lies on the cross axis of the rear lawn and serves to screen one end of the tennis court. Instead of the usual post-and-chain support for climbing Roses, the architect placed at intervals the trunks of small trees

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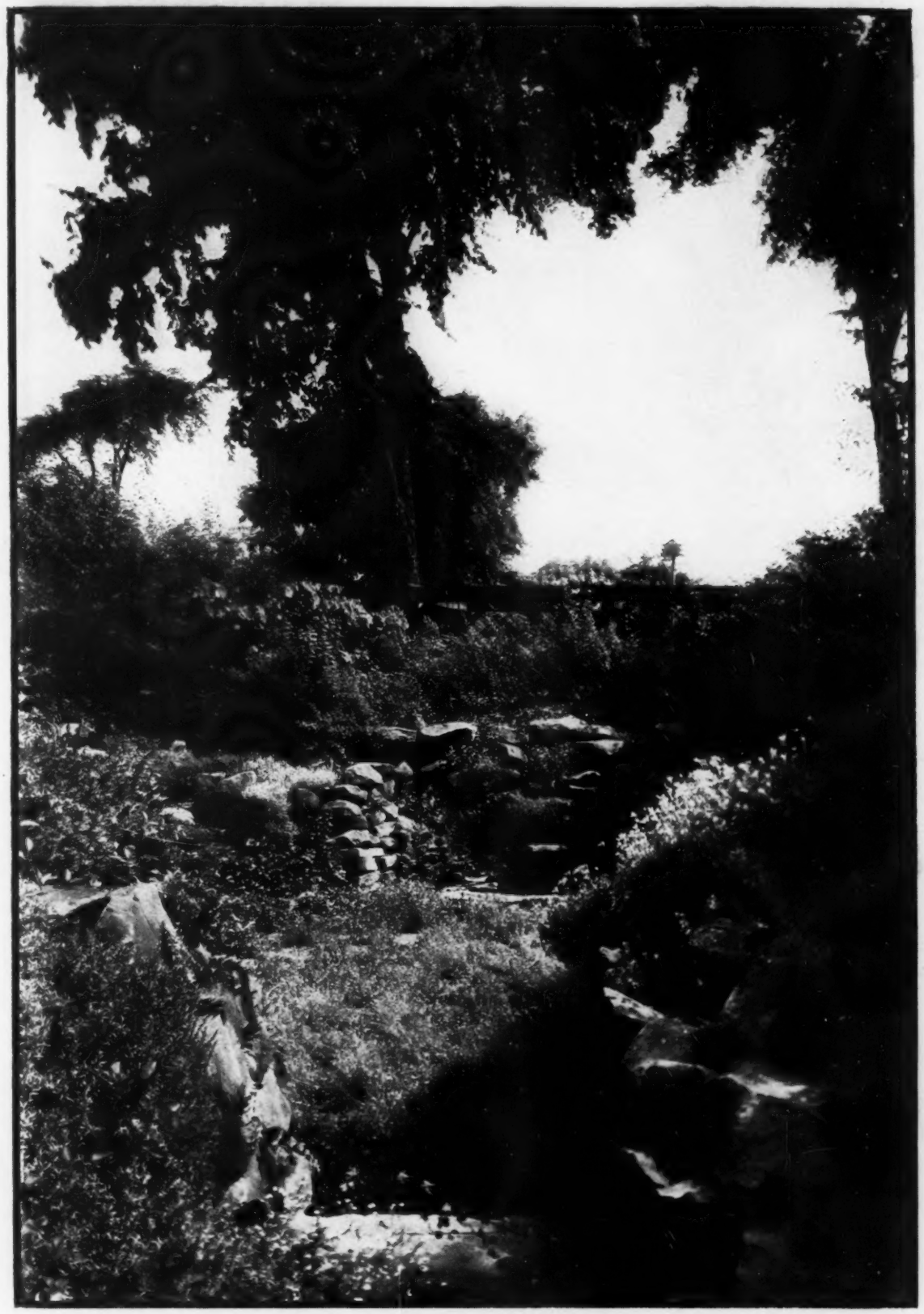
THE FORGET-ME-NOT POOL

Among the intimate features of the wild garden is a pool tucked away under shelving rocks planted to Ferns and damp-loving Alpines, and around the base and through the stepping stones lies a blue cloud of springtime Forget-me-nots



WHERE WILD FLOWERS THRIVE

Below the wall of the vegetable patch on the J. Prescott Burton place at Cleveland is a garden of wild flowers and rock plants, a naturalistic setting that finds these small gentry very much at home and flourishing in their native profusion

COPY OF MICH

The GARDENER'S CALENDAR *for* JUNE

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

FIRST WEEK

IT is important to the future success of the Peony plants that they carry plenty of foliage through the summer and until frost kills it off in autumn. Unless most of the leaves remain intact during this period the natural balance between roots and top growth will be impaired and there cannot be normal development and storing up of energy for next season. So, in cutting blooms, leave at least one or two foliage branches remaining on each stalk. If the plants are of normal size this will still enable you to cut stalks of good length whose remainders, together with those smaller shoots which do not flower, will carry enough leaves.

And speaking of cutting flowers, be sure to use a sharp instrument, whatever the type you are gathering. Clean cuts on either herbaceous or woody plants mean the minimum of damage to the remaining parts, and this reacts to the future benefit of the garden.

By this time many of the Roses are coming into bud, which reminds us that a little extra stimulation of the bushes may be in order if we want the maximum of color beauty in the blossoms. One of the most successful of tonics for this purpose, in the case of Roses and other flowers as well, is manure water applied slowly to the soil around each plant.

In view of the rather hectic agitation against the Asiatic beetle, led by the Plant Quarantine Board, it is interesting to note that where these insects have caused occasional brown patches in lawns (about the only damage with which they can justly be charged) a single application of arsenate of lead will annihilate them.

SECOND WEEK

LAWN mowing is usually a weekly necessity this month, which leads to a timely repetition of the warning to be careful that the bark of trees and shrubs is not injured by collision with the mower. Even a careful workman will occasionally strike things with the wheel or hub of the machine as he works around them, unless he is especially cautioned. Injuries of this nature not only disfigure the victim but, if they are even moderately deep, open the way to the ingress of disease.

For the ensuing few months a good mulch of peatmoss or dead leaves will be especially helpful to newly planted coniferous and broad-leaved evergreens. The soil about their roots must be kept reasonably moist and cool to offset the loss by evaporation through the top growth and also to encourage as much as may be the formation of new and active rootlets.

While we're on the subject of moisture supply, it is well to remember that the Japanese Iris is one of those plants that strongly object to being dried out during the growing season. It is not necessary that it be given bog conditions, but it does prefer more water than most other occupants of the herbaceous border. This preference is especially marked during the weeks before and after flowering.

This matter of special growth encouragement is often the cause of the difference between a fine garden and one that is no more than ordinary. Sometimes it is purely chemical in character, as illustrated by the use of nitrate of soda, especially in the vegetable plantings. Nitrate of soda is not long-lived as a soil-improver, but it does force quick growth.

THIRD WEEK

THE lawn is particularly subject to two pests now—weeds and ground-moles, both of which need special treatment if their inroads are to be prevented from reaching serious proportions.

The surest way to destroy a weed without harm to the grass is to kill its roots by pulling them out or cutting off their crowns well below the surface of the ground. Often the former plan is not feasible because of the character of the root formation or of the soil, but the latter is always possible with a long-bladed, strong knife.

As for ground-moles, one must be constantly on the watch from spring to well along in the autumn. Some can be caught by traps strategically placed over their burrows, but the plan is not uniformly successful. Perhaps a surer and quicker way of getting rid of these pests in the lawn, if one has the opportunity for it, is to kill the animals with a spade while they are at work extending their tunnels. Moles are active around midmorning and late in the afternoon. If, at these times, you approach very quietly and thrust the corner of the spade strongly into the turf a couple of inches behind where it is being upheaved by the mole you will get him nine times out of ten.

Among many homes there is a tendency to neglect the feeding of the shrubs and trees, concentrating efforts in this direction on the flower and vegetable plantings. There are few of the woody growths, however, which do not benefit materially by the application of common-sense nourishment, for they exhaust the soil quite as thoroughly as do the herbaceous plants. Coarse ground bone is a good material for supplying stimulation.

FOURTH WEEK

AUGUST and September are the traditional months for setting out new Iris plants and moving old ones, but there is no need for waiting as late in the season as that. As good if not better results are secured by carrying out the work as soon as the flowers are past, for at this time the new roots begin to form and the plants will lose no time in re-establishing themselves.

If your Siberian Iris sets seed pods it will be interesting to let a few of them ripen so that you can experiment with seedlings. Strong seed will germinate almost anywhere that is not too dry and exposed. You cannot be sure just what colors the ultimate blossoms will show, but some of them may be very fine. Such seedlings may be naturalized in nooks and corners where their naturally sturdy growth will enable them to hold their own without much attention.

Another worth-while experiment is the propagation of Candidum Lilies by the bulb scales. A good-sized bulb will yield fifty to a hundred scales which, if removed in early summer and planted a couple of inches deep in a dry place, should make flowering bulbs in three years. The scales are readily detached by bending them away from the mother bulb which, if its heart is left intact, can be replanted to regain normal size.

On the whole, Lilies like to have their heads in the sun and their feet reasonably well shaded and cool. This is one reason why they do well when planted among other things that keep the sun away from their lower parts or, lacking such protection, with a mulch of leaves, grass clippings or other light material.

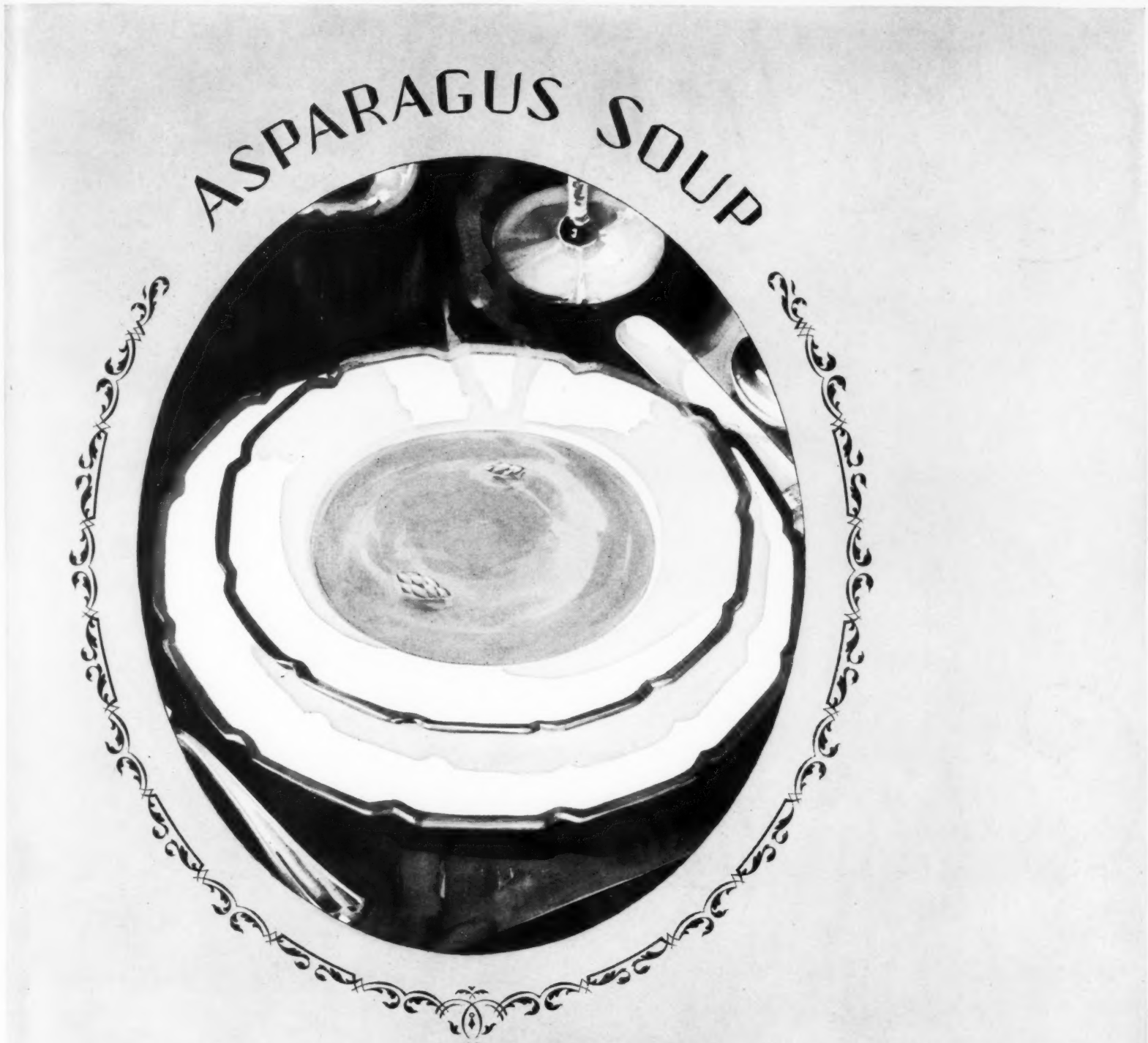
OLD DOC LEMMON SAYS—"I've knowed Birchy Holler Brook for seventy year an' more, man an' boy. It's kind o' run through my life like it does through the old farm—a part o' me, like, thet's allus been there an' allus will be. Fishin' in the springtime, swimmin' an' lazyin' in summer, gunnin' an' trappin' an' skatin' through the fall an' winter—them's the things it's meant in a way thet only a man who's been brung up to 'em from a kid can onderstand.

"Reckon I warn't more'n a five-year-old when I ketched my fust trout out'n one o' the holes in the pasture below the Holler. Pap hed took me up there of a Sunday mornin' (late in June, it was, by the way I mind the piles o' Laurel flowers along the road), luggin' me piggyback ev'ry now an' ag'in where the goin' was extry rough. 'We're goin' to ketch us a good mess, Bub', he kep' tellin' me. 'I'll cut ye a leetle birch pole an' ye'll be haulin' 'em out in no time—they're thicker an' hungrier'n deer flies on a cow's neck, up there.'

"An' they was, though it's funny thet the only one I've still got a clear mem'ry of was the fust one I ketched—a fat leetle eight-incher thet snapped my worm just as Pap was helpin' me git it out into the current at the head of a pool all fringed 'round with medder grass.

"'H'ist him, Bub—h'ist him good!' Pap hollered as he seed the bite, an' next thing I knowed the trout was a-sailin' through the air with me after him. Pap he was mighty near as tickled as me, I guess, when we fin'ly found the leetle feller back in the pasture a ways, all wet an' shiny with them red an' yallerish spots along his sides an' the clean black an' white edges to his belly fins.

"'Thet's the way to ketch trout!' Pap chuckled. 'Reckon your Mom didn't know whut a man ye've growed to be—eh, Bub?'"



Tender young asparagus shoots blended by skilled French soup chefs!

Asparagus! Famed delicacy of the garden! What appetite is not charmed by it? How welcome it is when it comes to you in a soup that captures all of its first, fine freshness.

Every spoonful of Campbell's Asparagus Soup is a smooth, ingratiating invitation to your sense for rare flavor.

This tempting blend of choice asparagus and nourishing creamery butter is garnished with dainty asparagus tips and seasoned to a nicety. A soup for the most carefully chosen menus.

And as aids to the variety you so cherish, make frequent selections from the 20 other Campbell's Soups listed on the label. 12 cents a can.

WITH THE MEAL OR AS A MEAL SOUP BELONGS IN THE DAILY DIET

LOOK FOR THE RED-AND-WHITE LABEL

Carlin Comforts

The luxury-loving habits of the modern woman equal, and perhaps surpass, those which tradition has linked with beautiful women of all time. But moderns have a manner of balancing luxury against cost. For them, the Carlin Shops present a host of lovely boudoir and travel requisites. Cushions, traveling sets, robes and coverlets — hand-made with artistic devotion — comforters stitched and adorned by deft fingers — countless things which once would have cost a King's ransom — now modestly priced at the Carlin Shops.

Perpetuating the French Tradition of Boudoir Comforts

CHICAGO
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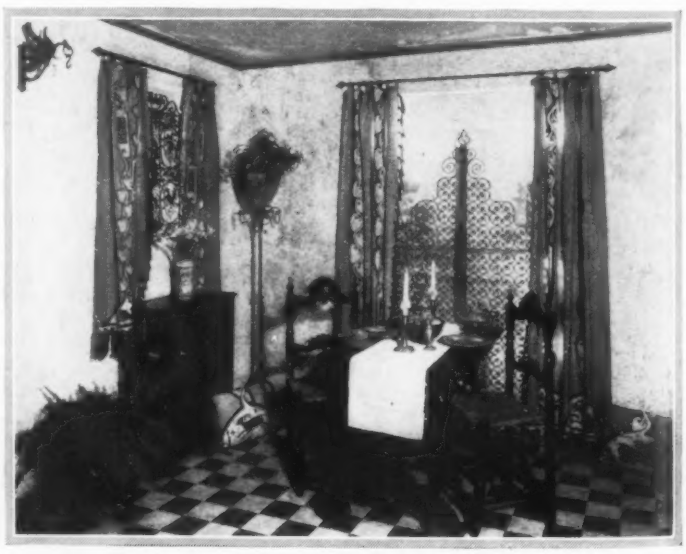
at 54th Street

The Women Decorators' Club of New York recently exhibited "Summer in Town and Country" at the Grand Central Art Galleries. (Above) Mrs. Forbes McCreery presented a roof arrangement with an outdoor fireplace on a tile base

THE DECORATORS' EXHIBITION

"Coffee for Two" is a breakfast room contributed by Mrs. Kenneth Torrance. This had plaster walls decorated with a Cherry tree design. The iron chairs are of Chippendale inspiration



An Italian loggia by Hettie Rhoda Mead offers 15th Century furniture, iron grilles and brass flower pots. Walls and curtains were of a processed cotton fabric impervious to rain, sun and wind

The PERFECT GIFT -- *obviously*

The Adam Style

For stately Georgian dining rooms, wherever the elegance and dignity of the late Colonial period finds expression.

The William and Mary Style and The Mary II

In dining rooms where the early English styles have been adopted, either of these patterns is smartly correct.

The Granado

For the dining room in the Spanish or Mediterranean style, and for those who love the rich beauty of old Spain.

"Treasure" Solid Silver

STERLING 925/1000 FINE

The Early American Style

For the dining room which expresses the friendly and delightful spirit of early American days—the Early American Pattern.

-but now Sterling may be selected with a little nicer discernment.

THE smart world, all astir with bright June weddings, very much concerns itself with the thoughtful selection of gifts for the adorable young bride. As for generations past, discriminating people will turn to Sterling Silver — for no other gift possesses the enduring beauty, the unquestioned acceptability, the subtly implied flattery of lovely Solid Silver Tableware.

But today, donors of bridal gifts may exercise a little nicer discernment in the selection of Sterling. For now "Treasure" Sterling Tableware is exquisitely designed in authoritative styles that fit to a nicety the modern home.

If you wanted to do something particularly nice, you could learn what decorative scheme she plans to carry out in her dining room and select a pattern in perfect keeping, because "Treasure" patterns are especially designed in a variety of correct decorative styles.

There is an excellent Jeweler near you to show you "Treasure" patterns in a wide array of lovely gifts that range from the few dollars of affection expressed in a single piece, to the devotion that feels itself only partly expressed at a thousand times more cost.

ROGERS, LUNT & BOWLEN COMPANY · *Silversmiths*

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Every home can afford this new way to enrich doorways; adorn cornices; embellish mantels and wall panels, etc.

New wall treatments

lovelier .. richer .. more beautiful

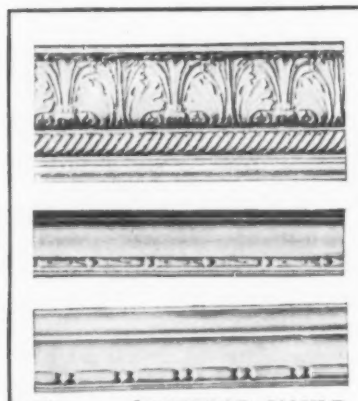
WE offer you a new medium for decorating your walls. A new style that will elevate any interior above the commonplace. A new style that will distinguish any room and earn the hearty admiration of your friends.

You would long since have adopted this wall treatment, we are sure... had you been willing to pay out-of-the-question prices for the art of a hand-carver. Long since you would have enriched your rooms with decorative wood mouldings for cornices, door heads, panels, chair rails, etc.... had you been willing to pay a king's ransom for the job.

But now we offer you decorative wood mouldings rivalling the beauty of hand carving... at an absurd fraction of the cost. They are Driwood Period Mouldings in Ornamented Wood. These mouldings are made from solid wood. In depth and beauty as well as durability they challenge comparison even with hand-carved mouldings.

Yet they are so economical in cost... and so economical to apply that you can use them in a single room or throughout your entire house or apartment.

Your architect, decorator or building material dealer will be glad to help you make a selection from the 119 mouldings in the Driwood line. And if you will mail the coupon we shall be pleased to send you "Fashionable Walls"—our new free picture book of fashionable interiors.



Close-ups of DRIWOOD MOULDINGS used in illustration above for Ceiling Cornice, Wall Panel and Chair Rail.

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Such a double porch as this, with its vines assuring privacy, is an ideal spot for al fresco meals in the country

EATING IN THE COUNTRY

(*Continued from page* 80)

legion and only the ingenuity of the hostess need be taxed in their selection. Some of the sophisticated modernist German and Viennese curtain fabrics bound with a harmonizing color of braid fit in perfectly with the country scheme, and the peasant cloths of any land can also be appropriately used.

Of course, many problems may arise in this business of *al fresco* dining, especially when the terrace or garden spot chosen for the meal is at a distance from the kitchen. Dishes must be kept warm. An outdoor electric outlet would furnish current for an electric hot-plate placed on a terrace serving table on which courses in covered dishes may be kept at the right temperature. It is also possible to use those old silver and Sheffield serving dishes that are warmed by boiling water poured into the bottom compartment. And for rolls, why not adopt the covered and heated roll box that bus-boys pass in restaurants? The soup tureen, on such occasions, would come into its own again, lording it over the lesser dishes of the serving table. The host might even exercise his ancient prerogative by ladling the soup himself.

And as for the servants and the distance they may have to walk, the problem can be solved by diplomacy, a little flattery and a tea wagon. The last perambulating bit of furniture will hold many dishes and can be wheeled without undue exertion. Very few servants object to using it. Nor for that matter does a well-trained servant, who takes pride in her art, object to serving a meal that is a relief from the day-in and day-out rut of kitchen to dining room. It is conceivable that they, too, may heartily enjoy the prospect of breakfast in a Rose arbor, lunch beside a Lily pool and dinner before the damp-dispelling library fire.

To avoid the difficult business of eating off one's knees, Chamberlin Dodds in his tea house uses cafeteria chairs that are both practical and amusing

A NEW and even more exquisite WAMSUTTA PERCALE Made of All-Combed Yarns

FOR four generations the most skillful spinners and weavers in America have made Wamsutta Percale a synonym for the exquisite in cotton fabrics.

Wamsutta's fineness is traditional, and to make it more sheer would only lessen its astonishing resistance to laundering and years of practical household use.

For the cobweb spinning of our Percale yarns there is no better cotton than the long staple product that Wamsutta buys. Therefore, in producing this new Wamsutta Percale, only one improvement has been possible—the thorough combing of every shred and fibre of cotton for these yarns, so that we can now make it doubly sure that no tiniest bit of lint or fluff is left to work loose and ruffle the smoothness of the sheet.

This last refinement—the use of nothing but All-Combed yarns—means that the new Wamsutta Percale sheets and pillow cases are even more deliciously smooth than any you have ever bought or slept in.

WAMSUTTA
PERCALE SHEETS AND PILLOW CASES
THE FINEST OF COTTONS

Ask to see them at the Wamsutta counter in almost any large department store. Feel the softness of this new fabric against your cheek and you will see why they cost somewhat more than ordinary sheets and pillow cases.

If you are keeping up with the vogue for color in modern bedroom furnishing, you will also want to see the new Wamsutta Color-Woven borders. These are being shown in a number of attractive designs and in two-tone harmonies of pastel tints, based on the colors used by the leading manufacturers of fine blankets. They are different from any colored sheets you have seen—and really *smart*.

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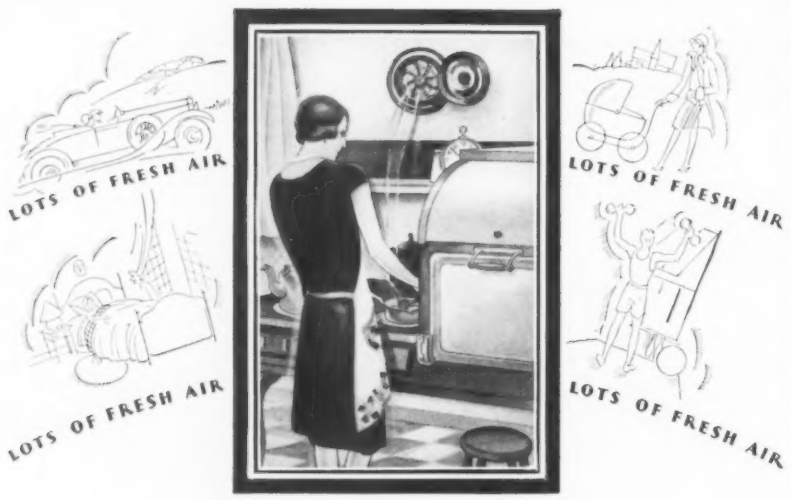

BUT WHERE YOU NEED FRESH AIR MOST · ONLY ODORS · ODORS · ODORS

Take up a "FRESH AIR FUND" for your Kitchen

....and buy a West Wind Ventilating Fan! It's the only satisfactory way to keep cauliflower, cabbage, onions and other unsavory foods from broadcasting their tell-tale odors throughout your whole home! For West Wind *pulls odors* out of doors...while an open window is more apt to *push odors* into the very rooms where you want them least. ¶ Swiftly...quietly...thoroughly...and at a cost no greater than that of burning an electric light...West Wind draws heavy, stale odors and greasy smoke out of the kitchen, *before* they can settle on curtains and walls. It replaces odors with fresh air, and makes your kitchen the sweetest room in the house. ¶ Easily installed in either old or new homes. Send coupon for folder and life-size "pattern" cutout of the West Wind Ventilating Fan.

Instantly reversible . . . decorative . . . takes little room . . . keeps curtains cleaner...moves 500 cubic feet of air a minute.

"West Wind" Companies in Principal Cities

WEST WIND
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Ventilating *fan*

West Wind is lacquered in smart Bainbridge Green. Or can be refinished to match your color scheme.

De rigueur **in modern apartments. Smart in any woman's kitchen!**

West Wind Corporation, 1806 Ninth Avenue South, Seattle, U. S. A.

Gentlemen: Please send folder and *life-size* cutout of fan so I may see where West Wind would fit in my kitchen.

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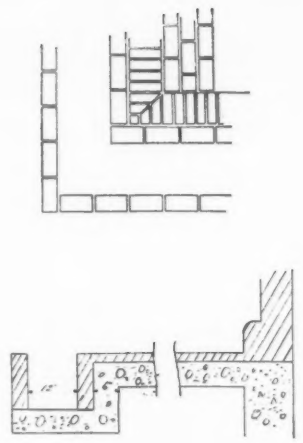


The brick terrace can be made with a sunken border which, when filled with soil, serves as a planting space

FOR WALKS AND TERRACES

(*Continued from page* 104)

stepping-stone path as one might wish. It is probable that brick and slate are the most popular, not only for walks but for terraces as well. This popularity may be ascribed to what are fundamental characteristics. Both lend themselves to a variety of effects and both may be laid at varying costs depending upon certain construction details as well as the pattern chosen. These two also have what architects term "flexibility"—that is, through employing different patterns, different mortars or otherwise varying the laying, considerable change in finished appearance may be secured without the use of other materials.

One of the illustrations shows part of the garden of a Long Island home, a rather interesting combination of slate and brick. The slate is what is termed "irregular" and this type lends itself to an almost infinite variety of patterns. The brick wall with a simple border and herringbone field is a very popular combination. One of the sketches shows a brick wall, also with a herringbone field but with a different border. Another illustrates the possibilities of a combination of these two materials. The slate introduced into the field may, of course, be of any desired design and the width of the slate in the border may be varied to suit individual preference.

Illustrations at the bottom of page 105 show some possible patterns for brick in walks or terrace floors. Quite an interesting variety may be obtained by dividing the area into squares and permitting the mason to originate his own patterns. It is usually desirable, however, to insist that no two squares be alike.

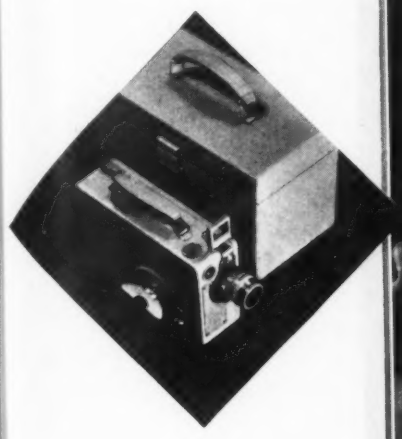
Four sketches illustrate typical slate patterns. With these as a basis many individual patterns may be worked out, as slate, like brick, offers an excellent opportunity for the creative genius of the owner.

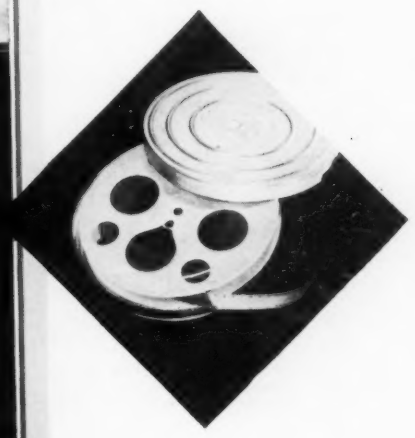
There are two primary methods of laying masonry walks or terraces. One, the more simple, consisting of grading the ground and then laying the slate brick or other masonry "dry" (without mortar) directly upon the earth. When this is done the walk or terrace should be somewhat above the grade of the adjoining ground so that drainage troubles will be at a minimum. The absence of mortar permits the sowing and growth of grass in the joints and the combination of the slate or brick with the grass is usually attractive. This method is naturally the least expensive but one must not expect that the walk will remain level. Differences in the elevation of the surface are bound to occur, due probably to frost action and the lack of bonding between the various units.

The second method is more expensive and calls for more subsurface material, with its accompanying labor. The natural ground is excavated to a point about six inches below the bottom of the material used for the finished surface. The ground or subgrade should be slightly crowned or arched, the high point being the center line of the walk. Upon this subgrade is placed a layer (two inches will do) of cinders which are then tamped. The top of the cinder layer should follow the crown of the subgrade. Upon this is placed a three to four-inch layer of concrete, and the finished material upon the concrete. While the walk surface should be sufficiently crowned to drain, it is not necessary that this crown be as great as that of the sub-grade or cinder fill, as water under the concrete will almost certainly cause trouble during freezing weather.

Terraces are not crowned but are pitched slightly so that the storm water drains off easily. The sketch at the top of this page shows a part plan and section of a terrace and introduces a pleasing novelty in the way of a sunken flower box. This, when planted, provides an attractive colorful border, or shrubbery may be employed partially to screen the terrace.

The house itself often receives so much attention that little can be spared for the grounds, and that little is not given except as an afterthought. The appearance of any residence is considerably affected by its setting and the effort spent in careful attention to the details of the grounds will be well repaid in greater satisfaction.





WHEN THE WEDDING DAY ARRIVES

it will be YOUR gift of a Ciné-Kodak that will be most used and most appreciated

A HOME movie outfit is one of the best presents you could make to any bride and groom. They will use it and appreciate it beginning with the very day they are married.

The bride, as she steps out of the car that brought her to the church, presents a beautiful picture. Would she like to see that picture herself, later on? Would he? You can just imagine how they'd treasure such a film.

During the wedding day there are sure to be several opportunities to make a permanent record of the festivities. The guests, the bridesmaids and ushers, the flower girls . . . all can be filmed to complete the story of the day's events.

A Constant Reminder of Your Thoughtfulness

And afterward . . . as the years pass . . . as they move from scene to scene while the drama of their lives unfolds, there will be more pictures to take, pictures of each other, their children, their parents, their friends. Your gift will be inseparably connected with all their tenderest sentiments.

A Ciné-Kodak home movie outfit is one of those rare wedding presents that fulfill every sentimental requirement and are at the same time entirely practical. You don't need to be afraid that a dozen others are going to make this same gift. There is never any question as to whether the recipients will think you have shown good taste, and while some of the things they get are likely to be appreciated by only one of them, this is sure to be appreciated by both. And it is a gift that lasts a lifetime.

The Ciné-Kodak — Simplicity Itself

In making such a present, be sure to select an outfit that is easy to operate. The Ciné-Kodak embodies Eastman's forty years' experience in devising easy picture-taking methods for the amateur. Unbiased by the precedents and prejudices of professional cinema camera design, the men who made still photography so easy have now made home movie making equally simple for you.

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The Ciné-Kodak uses for black and white pictures Eastman Safety Film in the familiar yellow box, both regular and panchromatic. Kodacolor—home movies in full color—are easily possible as well. You simply use a Kodacolor Filter and Kodacolor Film when making or projecting Kodacolor. See your Ciné-Kodak dealer for a demonstration or clip the coupon below for booklet.

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Simplest of Home Movie Cameras

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Please send me, FREE and without obligation, the booklet telling me how I can easily make my own movies.

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WITH THE HOME LAUNDRY

(*Continued from page* 119)

Strong electric lights with steel enamel reflectors should hang so the light falls on both washing and ironing units. The use of frosted bulbs saves eye strain from the strong open light. All switches should be of porcelain to avoid any possibility of trouble from a broken switch plus a wet floor which could create a circuit through the body.

Resilient floors materially add to the comfort and efficiency of the laundress. Whether of battleship linoleum or one of the composition materials, which run up as a baseboard, they are easily cleaned and dried and greatly preferable to the hard surface of cement or tile or the porous floor of wood.

The walls should be of a finish unharmed by steamy atmosphere. Decorative tiling may complete a luxurious ensemble with the new colored laundry equipment. Or waterproof paint will, at much less expense, give a practical and attractive surface. An electric fan is the final touch of efficiency, blowing out steam and excessive heat and drying small incidental pieces.

Provision must be made that the electric outlets connect with the different appliances so the laundry procedure may travel its logical course without extra steps or lost motion. Where the laundry in the old house is rejuvenated, the electrician will tap the main conductors or risers which go through the house. Then he will run wiring to points desired through heavy metal cable, advising just which appliances will need the heavy duty circuit.

One of the electrical organizations has recently assembled data on the rating in watts of the different laundry appliances. A watt, as the electrically minded housewife now knows, is the unit by which the power is measured. The kilowatt hour tells the consumption of a thousand watts over an hour's time. It is the unit in which the electric company renders its score in exchange for its priceless service. The rating follows:

Device	*Rating in Watts*	*Kilowatt Hour Consumption*
Hot Water Heater	2500	1250 to 1500
Washer	300	20 to 21
All Electric Ironer	3000	200 to 225
Hand Iron	575	50 to 86

If the heat in the ironing machine is provided by gas, the electricity used to turn the machine will amount to very little.

A whole story could be written about the way in which the manufacturers have met the needs of the home where the separate laundry is not practical. Colorful equipment blends into the bright scheme of the modern kitchen. Ingenious devices slip into kitchen washtubs on Monday morning. Miniature washers turn off the babies' laundry or quickly cleanse dainty underthings. Their service is limited only by their small capacity. At the touch of a finger a glistening table transforms itself into an effective ironer. A still simpler variety, which turns by hand power, is small and light enough to go into a closet when not in use. And colorful electric hand irons in their dainty containers along with tiny folding ironing boards take up very little space in suitcase or trunk.

Our industrial existence may have created a type of grime unknown to our ancestors, in either quantity or quality. It has also given us the means of combating soil, establishing a standard of cleanliness which has never before been enjoyed.

TO USE RED IN DECORATION

(*Continued from page* 92)

BEDROOM

Walls: Nile green.
Trim: Ivory white.
Floor: Green carpet.
Mantel: Cream white marble with brass and black hob grate.
Curtains: Glazed chintz with nile green background and large white Water Lilies with bright red centers. These are lined with red. There are white Venetian blinds.
Furniture: Above the mantel hangs an old mirror in a gilt frame. On either side are chairs slip-covered in the chintz. At right angles to one of the windows is a mahogany writing table with its wing chair done in red. A dressing table hung in three crisp white muslin ruffles is furnished with ruby glass bottles and dishes.

The high poster bed has curtains of the same chintz lined in light red taffeta. Red taffeta also makes the drapery at the head of the bed and lines the canopy.

A wide chaise longue in the chintz has a white rabbit coverlet and white muslin pillows edged with wide pleated ruffles.

Lighting Fixtures: Crystal wall brackets with white and gold paper shades with shell pink linings.
Accessories: Sargent water-colors with wide mats and lacquer red frames adorn the walls.

STYLES OF DIAMOND CUTTING EXPRESSING THE MODE OF TODAY : *The Diamond . . hardest of all gem stones requires the skill of the lapidary to reveal its beauty.*

SQUARE

EMERALD-CUT

PEAR-SHAPED

BRILLIANT

BAGUETTES

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DOLLY MADISON

Bed Spreads

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The spread illustrated is Sunburst 6250. Other Dolly Madison spreads in this same price class are Jewel, No. 6255; Taffeta Border, No. 6254; Perennial, No. 6218.

Now it is possible for everyone to enjoy the luxury of Dolly Madison Bedspreads . . . For new styles have been added to the Dolly Madison line—made with all the care and skill for which this name is famous—displaying Dolly Madison quality in every stitch and thread—presenting a brilliant assortment of modern designs and color effects—*at prices so reasonable that they are within the means of everyone.*

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Write for free new illustrated booklet *Send 25c for Doll's Bedspread*

DOLLY MADISON

Bed Spreads

A GLOSSARY OF ORIENTAL RUGS

(*Continued from page* 112)

in their extremely decorative colorings.

Iran: Modern, Persian; from Province of Irak. Resembles Kurdistan; other antiques reproduced.

Ispahan: Antique and modern, Persia's supreme achievement in Royal Ispahans woven for Shah Abbas (1586-1628). Arabesque designs with palmettes and cloud bands; modern reproductions. Great number of colors: moss green, rose and blue typical. Modern Ispahans unrelated to antiques: frequent pear and Herati designs.

Japanese: Modern imitation of Chinese and Persian rugs with pile of cotton or jute.

Jushaghan: Antique and modern, Persian; rich colorings, red and blue predominating; short or medium pile.

Kabistan: Antique and modern, Caucasian; Persian influence. Pear, diagonal stripe, or large geometrical figures fringed with latch-hooks; rich dark blues and exquisite light colorings.

Kaisariyh: Antique and modern, Asia Minor. Old prayer-rugs resemble Ghiordes. Modern reproductions of old types.

Karabagh: Antique and modern, Caucasian; Persian influence.

Karadagh: Antique and modern, Persian; Caucasian influence, resembles Karabagh. Varied designs: geometrical, conventional floral motifs, Herati, Mina Khani, pole medallion, etc.; red, blue, yellow, white.

Karaje: Antique and modern, Persian; resembles Kurdish. Formal floral or diamond medallion patterns; dark blue or plum and red predominate. Many runners. Pile long or medium.

Karaman: Antique and modern, Asia Minor. Poor modern pieces. Natural reddish brown wool characteristic; long pile.

Kashan: Antique and modern, Persian; resembles Saruk but finer; short velvety pile. Persian designs, delicate colorings. The Ardabil Rug weaver came from the city of Kashan.

Kashgar: Antique and modern, Central Asiatic; Chinese influence, narrow fret border, octagons and mythological animals; typical light colorings.

Kazak: Antique and modern, Caucasian; modern rug resembles Tcherkess. Large patterns, nomadic motifs; strong reds and blues; long shaggy pile.

Kenares: Runners or long narrow strips used at sides and ends of large rug.

Khali: Large, almost square rug for center of great hall; the "show piece."

Khiva: Antique and modern, Central Asiatic; Caucasian influence. Geometrical designs, dark red dominant; resembles Bokhara but coarser; known also as Afghan.

Khorassan: Antique and modern, Persian; varied designs: medallion, vase of flowers, small repeated motif—pear, Herati. Rose or wine reds are typical, with light blue and cream; there is a rather long, uneven pile of silky wool.

Kilim or *Kis-Kilim:* Antique, seldom modern; smooth, pileless fabric made in same designs and colors as Sehna, Shirvan, Karaman, Kurdish and Turkish rugs.

Kirman or *Kermanshah:* Antique and modern, Persian; old school of work extinct. Large medallion designs with floral patterns; animals, birds, human figures, etc. Lighter and more delicate colorings than in most Persians: light rose, ivory, with blue, green and buff; wool, rarely silk.

Kir-Shehr: Antique and modern, Asia Minor; modern classed as Anatolian. Prayer-rugs notable; serrated niches. Wide borders; much grass green and other massed colors.

Konieh: Antique and modern, Asia Minor; formal floral and geometrical motifs, latch-hooks; rich red and blue fields; fringed web ends; medium pile.

Kuba: Antique and modern, Caucasian; Persian influence, traditional elaborate floral patterns, large medallion or octagon, stars, etc.; blue, red and brown predominate.

Kula: Antique and modern, Asia Minor; antique resembles Ghiordes. Prayer-rugs notable, with Rhodian Lilies on tall stems; soft colorings, red, brownish yellow and blue predominate.

Kurdistan: Antique and modern, Caucasian and Persian types; Caucasian, geometrical; Persian resemble Mosul and Bijar.

Kutais: Antique and modern, Caucasian; resembles Kazak; geometrical pear design typical; red, blue and white predominate.

Kutayeh: Antique and modern, Asia Minor; resembles Ushak; wool and goat's hair.

Ladik: Antique and modern, Asia Minor; sharp color contrasts, red and blue dominant; colored fringed web ends.

Lelihan: Modern, Persian; a grade between Arak and Saruk; resembles Mahal.

Lesghian: Antique and modern, Caucasian; simple unrelated motifs in field; simple colorings, red and yellow predominating; webbed and knotted fringed ends.

Lule: A rug too heavily woven to fold, must be rolled as Bijar.

Mahal: Trade name for some Muskabads.

Melas: Antique and modern, Asia Minor; resembles Anatolian. Caucasian influence in geometrical figures; red dominant with mauve and other colors.

Meshed: Antique and modern, Persian; resembles Kermanshah. Rose, blue and white predominate. Medium pile, uneven, silky.

Mosul: Antique and modern, Persian; Caucasian and Kurdish influences in varied designs: medallion and all-over patterns. Russet colorings predominate.

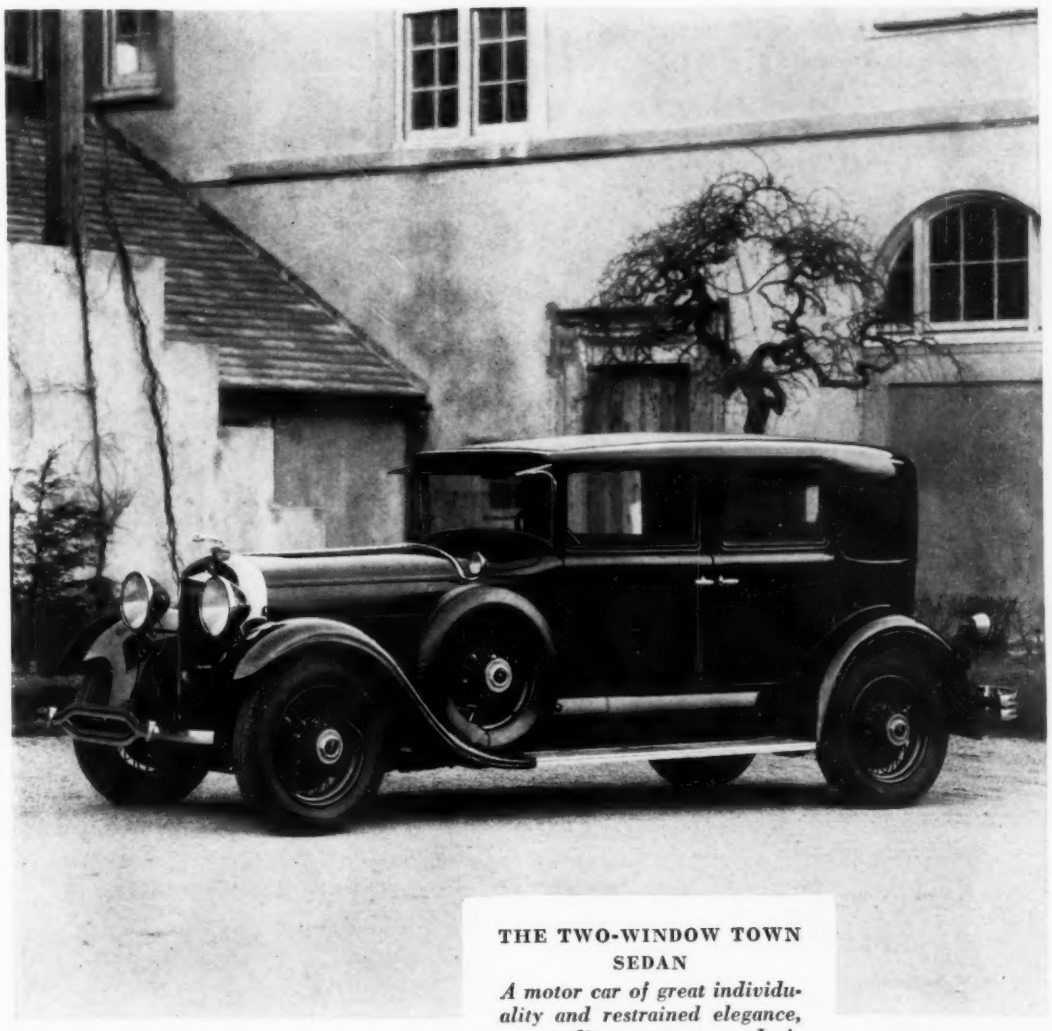
Mujur: Antique and modern, Asia Minor; wider color range than other types.

Muskabad: Modern, Persian; resembles Mahal. Various designs: medallions or all-over patterns; large sizes; red, blue and ivory prominent.

Namazlik: Prayer-rug, with arch

(*Continued on page* 138)

THERE IS A QUALITY ABOUT IT
EASY TO RECOGNIZE, BUT DIFFICULT TO DEFINE



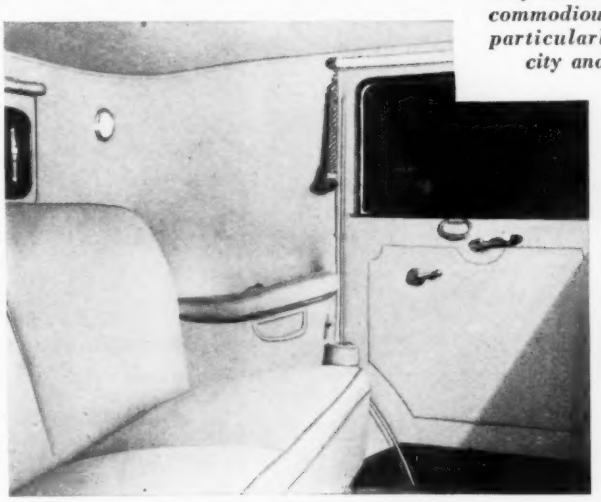
THE TWO-WINDOW TOWN SEDAN

A motor car of great individuality and restrained elegance, commodious yet smart. It is particularly convenient for city and suburban use.

WHEN you see a Lincoln gliding along the avenue, or standing at rest before a well-known door, you may sense in it a quality which sets it apart, a little, in your mind—a quality which causes you to remember it, and recall its image, long after the more immediate concerns of the day are disposed of and forgotten.

That quality is not easy to define. You might look for it in the grace and balance of the car, its comfort, its smooth and effortless performance. You might see it in the basic design and engineering, or the restrained elegance of its appointments. . . . But as a matter of fact, it is from all these things collectively that the Lincoln derives its character. And the key-note of that character is sincerity.

Sincerity. In this one word is summed up the whole principle of Lincoln construction. To build an automobile without compromise, without concession, in accordance with the highest ideals of efficacy and beauty . . . that is the wish of the makers of the Lincoln . . . "as nearly perfect a motor car as it is possible to produce."

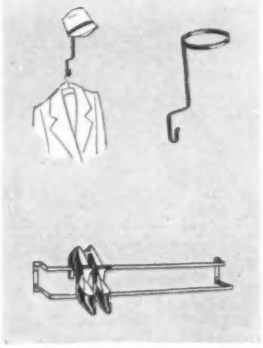


"AS NEARLY PERFECT A MOTOR CAR AS IT IS POSSIBLE TO PRODUCE"

THE LINCOLN

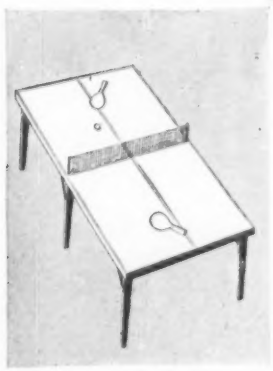
SHOPPING WITH Janet Gray AT LEWIS & CONGER

NOW with hot weather coming on, frosty drinks will be much in demand. And our Electric Fruit Reamer will work harder than ever. It reams fruit much quicker than I could possibly do it by hand. All I do is turn on the current, hold the fruit against the revolving reamer and down streams the juice. The Reamer is made of aluminum combined with gray enameled steel. $14.95



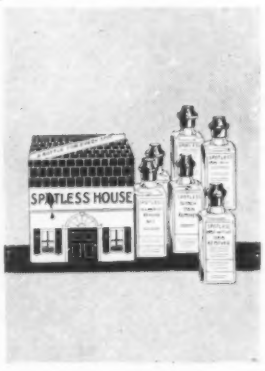
THE Hat Holders fastened to the walls of our hall closet hold hats so securely they can't be knocked off, and they hold them out from the wall so that the brims don't get all curled up. Made of bronzed metal with hook below for a coat hanger. $1.25 for set of three.

SHOE Racks fasten to the backs of closet doors and perch shoes in neat rows. Made of bronzed metal, 20" long. $2.00 a pair.



THE Guest Rack saves turning out the family closets for guests. It has a coat hanger, hat holder, skirt or trouser hanger, pegs and shoe rods. Finished in mahogany, walnut or ivory. $15.00

THE Luggage Stand holds luggage at a comfortable height for packing. Mine is of solid maple with turned legs. It folds flat when not in use. (Also comes in solid walnut or mahogany.) $9.75



PING PONG has hit my young ones with a vengeance. It was hard on the dining room table, however. So I bought a Ping Pong Table. It's painted green, with white lines on the edge and down the center to make the service courts. Has folding legs and a hinged top that folds the table in two. 4 x 8 ft. x 31" high. $35.00. A Ping Pong set to go with it was $7.00

SOMETIMES it seems to me I spend my life erasing spots—which probably is the reason I was so glad to run across the Spotless House Cleaner Set. Here, all together in one compact box, are cleaners for almost every kind of stain—grease, ink, paint, rust, scorch and fruit stains. And they're wonders! Easy to use, too. Set, complete, $2.00

LEWIS & CONGER

Sixth Ave. & 45th St., New York

Janet Gray

© Lewis & Conger, 1929

Please send me the items checked. Enclosed is.....check.....money order.....send C.O.D.

☐ Electric Fruit Reamer	$14.95	☐ Luggage Stand *(state wood)*	$9.75
☐ Hat Holders, set	1.25	☐ Ping Pong Table	35.00
☐ Shoe Racks, pr.	2.00	☐ Ping Pong Set	7.00
☐ Guest Rack *(state finish)*	15.00	☐ Spotless House Set	2.00

Name .....

Address..... H-6

(Free delivery within 100 miles of New York. Beyond 100 miles, express collect)

A GLOSSARY OF ORIENTAL RUGS

(Continued from page 134)

or niche at one end suggesting the arch of a mosque.

Nidge: Antique and modern, Asia Minor—Anatolian. Many prayer-rugs with high arches; red, blue and yellow dominant.

Niris or *Mecca:* Antique and modern, Persian; sometimes mistaken for Shiraz. Pear design and barber-striped border typical. Fringed, broad, striped web ends.

Odjalik: Hearth rug, with arch or point at both ends of field.

Polish or Polonaise Carpets: Antique Persian rugs probably woven in Poland by Persians, at Ispahan, or in India. Silk pile, solid gold and silver threads in ground, brilliant colorings.

Prayer-rug: Antique and modern, many types, used by Mohammedans. Mihrab, or arch, varies in design and ornamentation; about 4½′ x 6½′.

Rhodian: Antique and modern, made on Isle of Rhodes; sometimes called Makri. Red and blue predominate, colored web ends, long braided fringe, long pile.

Saddle Bags, Camel and *Saddle Cloths* and *Tent Bags:* Small utilitarian pieces, often minutely and finely decorated, especially in Central Asiatic types.

Samarkand: Antique, Central Asiatic; Chinese and Persian influences combined, Chinese dominating in design and color contrast; red or blue field.

Saraband: Antique and modern, Persian; all-over designs: pear or small conventional flowering plant with lovely floral border. Mir-Saraband—antique, made at Mir. Royal Saraband for Court use. Red and blue dominant, with ivory, yellow, green and very dark brown.

Saruk: Finest type of modern Persian except Kashan. Medallion and floral arabesque designs; rich blue and rose-red prominent with green, buff and ivory. Short velvety pile.

Sedjadeh: Term for a moderate sized rug, about twice as long as broad.

Sehna: Antique, Persian; medallion or all-over pattern: Herati, pear, etc.; dark blue, red and ivory prominent, with green, light blue and yellow; very fine weave, short pile.

Serapi: Antique and modern, Persian; resembles Gorevan but deeper colorings. Also a trade name.

Shemakha: Antique and modern, Caucasian; more artistic floral patterns than most Caucasians, mistaken for Daghestan; dark red, blue, green, with yellow and brown.

Shiraz: Antique and modern, Persian; also called Mecca or Loria. Patterns varied, rarely floral; embroidered striped end webs, silky, long, short or medium pile.

Shirvan: Antique and modern, Caucasian; varied patterns: large medallions, stars, etc.; blue, red and ivory predominate; coarser than Daghestan.

Siva: Antique and modern, Asia Minor; geometrical and conventional floral forms; sharp color contrasts, red and white dominant.

Sizes: Carpet size, 8′ x 10′ or larger; *Kanares*—runners, usually 3′ x 15′; *Khali*—fine large sized Persian rug; *Sedjadeh*—generally a couch cover.

Smyrna: Antique and modern, Asia Minor; modern well woven but stereotyped designs of many Asia Minor types.

Souj-Boulak: Antique, Persian; resembles Kurdistan. Persian floral and plant forms, wide border; deep red or blue, shaded from end to end of rug.

Soumak: Antique and modern, Caucasian; geometrical and floral patterns; red, blue and brown predominate. Flat weave, uneven herring-bone effect; also called Kashmir. Pile rug called Shumaka.

Sultanabad: Antique and modern, Persian; modern rugs usually large, reproducing any pattern; well woven, large color range. Also called Mahal.

Tabriz: Antique and modern, Persian; large central medallion, fine detail; ivory, blue or red field. Usually large, almost square; short, harsh pile.

Tcherkess: Antique, Caucasian; resembles Kazak but more reddish brown and tawny coloring; sharp contrast in blue and ivory, red and tawny colors.

Tekke: Antique and modern, Central Asiatic; Tekke Bokhara in Katchli patterns; dark red, brown and blue, with dark blue and ivory. Superb old saddle bags and camel cloths. Wide colored lower web end with long fringe.

Tiflis: Antique, Caucasian; rare. Tree designs with geometrical patterns; blue and red with yellow, green and brown. Close weave, silky wool like Shiraz or Meshed.

Trade Names: Various trade names like Sparta, Multan, Verné, etc., employed by modern factories.

Turcoman: Antique and modern, Central Asiatic; general term for Afghans. Turco-Chinese show Chinese influence, elaborate conventional floral motifs, bright colorings.

Ushak: Antique and modern, Asia Minor; modern Turkish trade name; rare antique museum pieces with geometrical arabesque designs, sometimes classed as Hispano-Moresque. Rich deep red, blue and green; long pile.

Vase Carpet: Notable Persian and Kurdistan 16th and 17th Century antiques, floral designs incorporating vases.

Yaprak: Antique and modern Ushaks.

Yarkand: Antique and modern, Central Asiatic; Chinese mountain and wave designs typical.

Yestiklek: Old Anatolian mats.

Yezd: Antique and modern, Persian; silk rugs, rare. Felt *namads*, very heavy.

Yomud: Antique and modern, Central Asiatic, Turcoman and other patterns; red, maroon, rose, plum, mahogany and dark browns predominate. Irregularly shaped saddle bags.

Yuruk: Antique, Asia Minor; nomadic latch-hook patterns suggest Caucasian; dark madder red, blue and green, as in Kazak; long pile.

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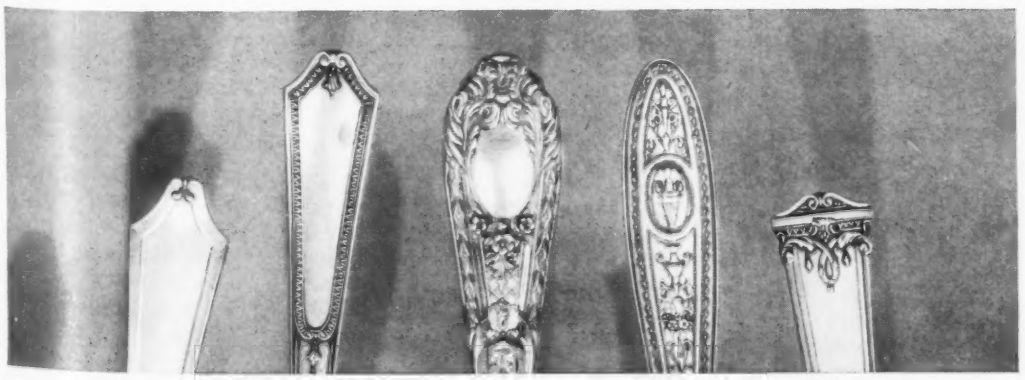

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HOW ROSES ARE NAMED

(*Continued from page* 82)

particular seedling. Pernet informed him that it was not available as it was already dedicated to his friend Antoine Rivoire, President of the Horticultural Society of Lyons; the Prince insisted that such was the Rose he wanted, so Pernet showed him the twin of the same cross (Hybrid Tea x a Bourbon seedling) and Prince de Bulgarie thus came on the market, although it is similar to Antoine Rivoire. When Pernet told me the story, he did not mention the amount received beyond that it was "sufficient". The Prince had just concluded another loan with the French government and he felt flush!

The naming of a Rose is not always a mercenary transaction and the human side of life sometimes attaches a beautiful meaning to it. The French hybridizer Turbat had been awarded a certificate of merit at the Contest of Bagatelle during the war in 1916 for a hardy climber. According to the rules the award could not be final until the variety was named. While Monsieur Turbat was looking up the requests he had for a new Rose, the story was related of a young officer, the Comte de Féligonde, who had been seriously wounded in battle and left between the lines in No Man's Land where none would venture to fetch him. His wife, Ghislaine, a Red Cross nurse, hearing the plight of her husband, started at night, found him, dragged him to safety and nursed him back to health. Monsieur Turbat, moved by the story of the heroic woman, decided right then to name his new Rose Ghislaine de Féligonde. Again, one day the owner of a large English Rose nursery asked his superintendent, Charles P. Kilham, in charge of hybridization, to point out which he thought to be the best of the many seedlings in process of testing. After the most worthy Rose had been selected, the owner said, "Kilham, in recognition of your many services to the firm, we will name this Rose for you."

AFTER A GYPSY

Bishop Pemberton had a predilection for biblical, mythological or exotic names: Ruth, Naomi; Ceres, Clytemnestra, Daphne, Galatea, Penelope, Nur-Mahal, the surname of Omar al Khayyám's favorite wife, meaning "the Joy of the Palace". I Zingari was a Gypsy Queen whose tribe camped one day on Pemberton's land; the Queen was arrayed in such strangely vivid colors that a recently organized cricket club adopted her name and colors. Pemberton labored for years to produce a Rose of the color; he succeeded, but unfortunately the bloom is not lasting and the plant a poor grower, so it is doubtful whether it will ever be distributed to any extent in America.

In the early nineties, Pernet Ducher had dreamed to transmit into the garden Roses the brilliant yellow of the Austrian Briar Persian Yellow. After years of experimentation and failure, he finally succeeded in raising a batch of hybrids of Persian Yellow parentage, among which were Soleil d'Or (Golden Sun) and Le Rêve (The Dream). In Le Rêve he began to see the realization of his dream, of a clear yellow Rose and while it was not disseminated until twenty years later, it was used for further breeding and known among Pernet's associates as Le Rêve. Pernet never intended to put it on the market because it was not recurrent in bloom, but when Star of Persia came from England, Pernet's friends prevailed upon him to let Le Rêve out. Well that he did, as Le Rêve is the better of the two Roses.

The politicians of the day (or their wives) are sometimes remembered—for cash or hope of a favor in the gift of their office—and the Rose remains afflicted with what seems later to be an obscure name: Etienne Rebeillard, Chairman of the Fine Arts Commission of Paris, which has charge of the public parks; Gen. Jacqueminot, a trusted supporter of Napoleon III in the French parliament; Jacques Porcher; Maréchal Niel, minister of war under Napoleon III; Mme. Carnot; Mme. Edouard Herriot; Mme. Henri Queuille, wife of the present minister of Agriculture of France; Mme. Jules Bouché; Mme. Poincaré; Paul Neyron, Senator from the district of Lyons; Président Chérioux, president of the Municipal Council of Paris; Sénateur Mascuraud, representing Lyons in the French Senate.

EXALTED NAMES

Royalty does not disdain the dedication of a Rose, but it has to be done by special warrant after a commission has passed on the merits of the Rose: Kaiserin Auguste Viktoria (Germany); Königin Carola (Saxony); Königin von Danmark; King George V (England); Louis Philippe (King of France, 1830-48); Queen Alexandra (England), herself a learned rosarian who every year opened the London Rose Show; Queen Mary (England); Queen Marie of Roumania; Queen of the Belgians; Reine Marie Henriette (consort of King Leopold of Belgium).

Friendship and neighborliness have produced their share of the nomenclature and the presidency of a Rose Society is generally good for a Rose: Dean Hole, Rev. F. Page-Roberts, Edward Mawley and H. R. Darlington were presidents of the National Rose Society of England. Jonkheer J. L. Mock at one time presided over the Dutch Rose Society.

Some Roses have been named on competition started by some city or organization. Soon after the war, the Municipal Council of the City of Paris offered a large purse for a Rose proving, after extensive trials, worthy of the name Ville de Paris (City of Paris). It was not until 1925 that a suitable one was found. The writer and Mr. Richardson Wright were members of the International Jury that awarded both the Bagatelle Gold Medal and the name of Ville de Paris. The Rose has made good in America and is one of the best yellow garden Roses we have today. Other cities have elected to have a Rose for local emblem: Orleans Rose, Chatillon

(*Continued on page* 182)

FOR PRIVATE PLANE, YACHT AND CAR

This Fokker Flying Yacht is decorated throughout with Schumacher fabrics. In the cabin a Rodier creation of blending rectangular forms that follow a line as swiftly-moving as the plane it graces. Window curtains of tanjore gauze. Pilot seat, black Fabrikoid.

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THE FAMILY OF ENKIANTHUS

(*Continued from page* 84)

face downward and are either white, salmon color or crimson; often they are variously pencilled with lighter or darker hues arranged in really delightful combination.

The most vigorous growing and most all-round useful and handsome is *E. campanulatus.* This is a bush, often of tree-like dimensions, very abundant in the mountain woodlands of Japan from the island of Shikoku in the south northward to central Hokkaido. It loves to grow in the humus that collects among boulders and on moss-clad rocks and often as not its own stems are clad with mossy streamers. The branches are clustered several together and arise from a common level which, repeated year after year, gives the bush a tabuliform appearance. When young the habit is characteristically thin and somewhat gaunt, but in the course of time it becomes fairly compact. However, this species is always more open in habit than most of its family.

The flowers, which appear after the leaves are expanded, are borne in spreading or pendulous racemes or fascicles from the tips of the shoots. The corolla is waxy in texture, bell-shaped and the interior is guarded by awned anthers clustered and seemingly alert and defensive in attitude. The shrub is extraordinarily floriferous and as the waxy corollas fall after fertilization they lie inch-deep on the ground about the bush. As the flowers hang downward their full beauty is best seen from below, a fact which should be borne in mind when choosing a site for this aristocrat. The color varies from salmon to dull crimson and as a general rule lighter or darker stripes illumine the ground color of each flower.

FORMS FOR GARDENS

In shape and color the flowers of this shrub exhibit great variation, so much so that some botanists divide it into many species. For garden purposes, however, the only forms worth recognizing are: *albiflorus*, a lovely plant with white or nearly white flowers, and *Palibinii* with large red blossoms. These two varieties are easily recognized but apart from them one form gradually merges into another. Since all are worth growing, there is no object in splitting hairs in trying to distinguish them. In the autumn *E. campanulatus* assumes a mantle of brilliant orange, red and crimson, startling in its color intensity.

Very different is *E. perulatus,* better known as *E. japonicus,* and without which no Japanese garden is complete. This is a dense, upright stemmed bush forming an ovoid mass some five to eight feet tall and more in diameter. The flowers are pure white, urn-shaped, borne singly or several together at the ends of the twigs; they are put forth before the leaves appear and hang suspended among the twigs. Until the plants get old they do not fruit freely. While the flower itself is nodding, the capsule is borne erect. The more or less obovate leaves are clustered in whorls and remain a deep green throughout the summer; in the autumn they turn to yellow, orange and scarlet to the richest crimson. Although one of the oldest cultivated plants in Japanese gardens, it is only within the last quarter of a century that its habitat has become known; this is the island of Shikoku in southwest Japan. I visited the island in 1914 but failed to find this Enkianthus in a wild state.

A dainty shrub is *E. subsessilis* with slender, ascending spreading, polished shoots, densely crowded to form an ovoid bush some five or six feet tall. In this plant the flowers appear after the leaves have unfolded and are borne in slender racemes from the tips of the twigs. Each flower is creamy white, urn-shaped and the racemes hang gracefully about the foliaged bush. In the autumn its leaves change to part yellow and part scarlet, the bizarre effect being very striking. Less handsome in flower than its sisters, it is no whit less beautiful in its autumn raiment. It is widespread on the mountains of Japan from as far south as Kirishima, but is nowhere a really common plant. I saw more of it in the neighborhood of Nikko than elsewhere in Japan.

THREE OTHER TYPES

In habit of growth *E. cernuus* is similar to *E. campanulatus* in-so-much as in both the branches are arranged in superimposed table-like whorls. It is a less vigorous plant but is equally hardy. The flowers are borne in spreading or pendulous racemes after the leaves unfold and are quite different in appearance from those of any other species, for the bell-shaped corolla is finely notched along the margin. The typical species has white or whitish flowers, but this does not appear to be in cultivation in this country, neither did I see it during my travels in Japan.

Much more common is the variety *rubens* which is very abundant on the mountains of central Japan, especially those in the neighborhood of sacred Fuji. I fell in love with this shrub long ago in the garden of a friend, alas! now dead, who lived at Winchester, Massachusetts. Years later when on a visit to Japan opportunity came to see it on its native heath on Ashitake-yama, one of the lesser peaks of the Fuji range. The road was bad and it rained heavily most of the time, but I was well rewarded when I reached my destination. Growing among lava blocks were groves of this beautiful bush all laden with a multitude of fringed dark red blossoms. The flowers vary a good deal in shape but all the bushes agree in being abundantly floriferous. The autumn tints are red to crimson.

There are a couple of species of Enkianthus native of the mountains of central and western China, one which is also found on the Sikkim Himalayas, but these are not in cultivation in this country. Although I introduced them some twenty-five years ago, they are by no means common and have not proved very hardy in European gardens. The original member of the family, *E. quinqueflorus,* is native of Hongkong and neighboring regions

(*Continued on page* 180)

"Bobbie and I are learning together"

Many a mother, who had to abandon the piano when household cares began to occupy her time, is finding a double enjoyment in renewing her piano studies along with the youngsters. "It's such fun getting back into music," one mother confided. "And it's one of the few activities which I can share with the children, which really bring us closer together."

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NOTES ON BREEDING ROSES

(*Continued from page* 100)

the frailty of the foliage. If one is intent upon producing a Rose of Pernet yellow, he should use a strong growing Hybrid Tea as one parent and carry on always with those seedlings that show a considerable influence of the Hybrid Tea foliage. This may take a longer time, but the results will be far superior.

A serious mistake has been made during recent years in putting out pink and even red Roses having Pernetiana blood with its natural heritage of deficient and short-lived foliage. Whenever the color desired can be obtained from other sources without blending of Austrian Briar, Pernetiana blood should be shunned. Of course, in our hunt for novel shades, there is a certain volume of by-products, worthy as to bloom but generally weak of constitution.

Perfume is necessary in a Rose and without it the most beautiful Rose is incomplete. One parent at least should be highly perfumed.

Practically every Hybrid Tea can be used as pollen parent but not all, by far, are good seed bearers, and some are moody in their acceptance of foreign pollen.

Here are some Hybrid Teas with good plant characters that bear seeds with any pollen: Antoine Rivoire, Betty Uprichard, Duchess of Wellington, Etoile de France, Etoile de Hollande, Harry Kirk, Lady Alice Stanley, Lady Pirrie, Mme. Butterfly, Miss Willmott, Mrs. Aaron Ward, Mrs. Charles Bell, Mrs. Henry Morse, Ophelia, Prince de Bulgarie, Radiance, Red Radiance, Senateur Mascuraud, Sensation, Souv. de H. A. Verschuren, Westfield Star.

Other varieties have only their extreme colorings to recommend them and as such are indispensable, but their mates should always be of the most vigorous type. Angele Pernet, Chateau de Clos Vougeot, Etoile de Feu, Feu Joseph Looymans, Golden Emblem, Independence Day, K. of K., La France (for perfume) Margaret McGredy, Mme. Ed. Herriot, Mme. Alexandre Dreux, Padre, Rev. F. Page Roberts and Souv. de Claudius Pernet are in that class.

The few Tea Roses that remain with us have excellent foliage almost black-spot-proof, thereby offering good material for healthy hybrids.

Before the advent of the Hybrid Tea, the Bengal was a popular class, exceedingly hardy, very floriferous, but since neglected or its more recent hybrids, for commercial reasons, have been dubbed Hybrid Teas. As a class, the Bengals present great possibilities for those breeders most concerned with hardiness, and further, Bengals are highly desirable bedding or ornamental varieties, seldom out of bloom. As good progenitors either male or female, I recommend Gruss an Teplitz, Comtesse du Cayla, Hofgartner Kolb, Hawlmark Crimson, Miss C. E. Van Rossem, Gruss an Aachen (a hybrid of Bengal and Polyantha).

For Hardy Climbers, better results, I am told by no less an authority than the Barbiers of Orleans, France, are obtained by hybridizing directly on the Wichuraiana species than by trying with hybridized varieties. This does not mean, however, that cross-breeding will not have to be resorted to, or a second dose of the same pollen administered.

Dwarf Polyanthas are generally produced from self seeds of hardy climbers, a certain proportion of which come dwarf, but they can also be hybridized.

EDITOR'S NOTE—*This is the second article of a series on Rose breeding by Mr. Nicolas, the first of which appeared in the May issue. The third and concluding article will be published next month.*

A SUNKEN GARDEN

(*Continued from page* 90)

5. Lupinus polyphyllus; 6. Papaver orientale; 7. Iris germanica; 8. Anemone japonica; 9. Rudbeckia; 10. Astilbe arendsi; 11. Dianthus plumarius.

PERENNIAL BORDERS II and III (1½′-2½′ high)

1. Iris germanica; 2. Pyrethrum hybridum; 3. Campanula glomerata; 4. Doronicum plantagin; 5. Helleborus niger; 6. Dicentra spectabilis; 7. Aster subcoeruleus; 8. Euphorbia polychroma; 9. Phlox laphami; 10. Iris sibirica; 11. Campanula persicifolia; 12. Paeonia officinalis; 13. Aquilegia chrysantha; 14. Geum heldreichi; 15. Helenium; 16. Heuchera sang.; 17. Iris orientalis; 18. Aster amellus; 19. Anemone japonica; 20. Solidago virga; 21. Sedum fabaria; 22. Polemonium richardsonii.

PERENNIAL BORDER IV (6″-18″ high)

1. Arabis alpina grandifl.; 2. Iberis sempervirens; 3. Primula cashmeriana; 4. Primula rosea grandiflora; 5. Primula denticulata; 6. Alyssum saxatile; 7. Aubrietia hybrida; 8. Gentiana acaulis; 9. Iris pumila hybrida; 10. Phlox amoena; 11. Phlox canadensis; 12. Phlox setacea; 13. Phlox atropurpurea; 14. Primula elatior; 15. Viola cornuta; 16. Asperula odorata; 17. Convallaria; 18. Geum heldreichi; 19. Primula auricula; 20. Dianthus deltoides; 21. Saxifraga umbrosa; 22. Armeria laucheana; 23. Armeria maritima; 24. Dianthus caesius; 25. Veronica rupestris; 26. Campanula glomerata; 27. Sedum; 28. Sedum spurium splendens; 29. Solidago brachystachya; 30. Aster hybridus.

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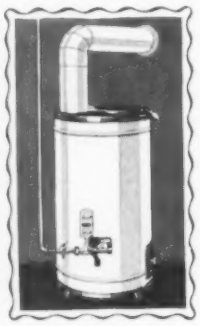

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SOME ROSES FROM OTHER DAYS

(*Continued from page* 110)

It is curious that the Rose, so beloved for almost countless centuries, should not earlier have engaged the attention of the hybridists. The Tulip, the Anemone, the Ranunculus, the Hyacinth, the Gilliflower, all antedate it as a florist's flower. Probably to the eyes and noses of our forefathers the Rose seemed beyond improvement. And while we would not go back to those days when the Damask, the French Rose, the Old Cabbage and a few others were all our Rose wealth, we feel that in certain ways and for certain purposes these old friends have not been improved upon and that they still deserve to be grown.

THE FAITHFUL DAMASK

Of the old border Roses the Damask Rose, *Rosa damascena*, was perhaps the most important, and crossed with the French Rose, *R. gallica*, played an important part in the making of the great race of Hybrid Perpetuals. This was the Rose of Damascus, the wild Rose of Syria that found its way into Europe in the train of the Crusaders. Its perfume has been handed on but never surpassed. In the old days it was put to a thousand uses, medicinal, cosmetic, edible. In one of my old books, Langham's *Garden of Health* (1633), a hundred and forty-two recipes are given for Rose decoctions. The Damask was the Rose par excellence for making rose water—and still is, for that matter—and it is the Rose used in the manufacture of the famous attar of Roses. There were both red and crimson-and-white varieties. The flower is loosely double, or semi-double, of medium size and rather flat when fully open, the petals irregular in shape and of a velvet softness. The quaint York and Lancaster Rose is a Damask, the petals being pale crimson, blotched and striped with deeper color, with an occasional petal all red or all pale pink. This is not to be confused with the other striped Roses of which I shall speak presently. The lovely pure white Rose Madame Hardy is said not to be a true Damask but to have the blood of the old Cabbage in her veins. This is a scarce Rose today. I have not seen it for years, but there were bushes of it in our Maryland garden. The Damask Roses are quite hardy and will succeed under any kindly conditions. Their growth is vigorous and pruning may be confined to shortening the strong stems to about two feet and a judicious thinning out of the old growths.

It is not certainly known if the Red Rose of the House of Lancaster was a Damask or if it was *Rosa gallica*, the French Rose. Both were widely grown about the town of Provence, France, once the center of the industry for making conserve of Roses for medicinal purposes, and the town to which the young Count Egmond, second son of Henry III of England and the first Earl of Lancaster, was sent by the King of France to avenge the murder of its mayor. When Egmond returned to England he assumed the red Rose as the badge of his house.

Rosa gallica grows wild in France, also in Italy, Switzerland and Austria. Its flowering shoots are stiff and upright and have few prickles. The flowers are single, highly perfumed and of a fine rich color. The lovely old semi-double Rose, sometimes known as the old red Damask, is in fact a form of *Rosa gallica*, and another delightful kind is *Rosa mundi*, thought to have acquired its name from that fair Rosamund who was the mistress of Henry II. The petals of this kind are irregularly striped with white and it is very fragrant. This is the best of the striped varieties. Early in the 19th Century there were many varieties of the French Rose to be had, but most of them have been unhappily lost. I shall be glad to tell the name of one grower who has a number to offer. They are still well worth growing. The French Rose has the somewhat troublesome habit of throwing up suckers at some distance from the parent plant. If not kept in check this causes confusion in the borders. In pruning, only the strongest wood should be preserved, all weak shoots and those which have borne flowers being cut quite away. And the strong shoots themselves should be well shortened.

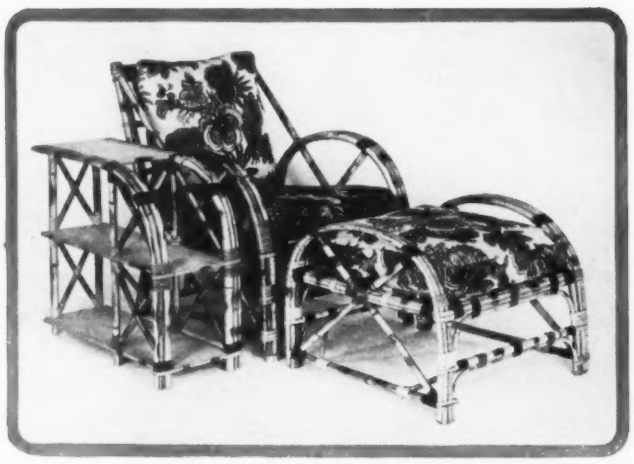
But of all the old-fashioned Roses none is so delightful to my sight or to my nose as the Hundred-leaved Rose of Pliny, *Rosa centifolia*, or Old Cabbage as it was known to our grandmothers. Since it was found in the French province of Provence, early writers called it *Rosa provincinalis*, or the Provence Rose. The flowers are large, globular, very double and of a delicious full rose pink; moreover, they have the true Rose fragrance, rich and cool and refreshing. The plant is branching and vigorous. Set out in rich soil, not too heavy, and well pruned, it will produce a wealth of fine blooms, but neglect to prune it and the bush loses form and the flowers become few and small. I was enchanted to meet with a bush of this lovely old Rose in Mrs. McKinney's garden in Madison last summer. It was in full bloom and stood alone, a focal point for all eyes. A good many Provence hybrids were introduced toward the end of the 18th and early in the 19th Centuries. Some of these are still to be had. Unique is a most lovely white-flowered Cabbage.

FROM HOLLAND

The Moss Rose is regarded as a sport of the Cabbage Rose. Its origin is obscure, but it was introduced into England from Holland in 1596—that is, the common pink-flowered Moss Rose with its lovely mossed buds and rounded pink flowers of exquisite scent. Until the end of the 18th Century this was the only kind known. Then in 1810 a bush of the common Moss Rose in an English garden was discovered bearing white flowers. From this the white sport known as White Bath was fixed and perpetuated. Later many varieties were introduced, including some that were called perpetual flowering, that under very favorable conditions gave a second blossoming in the autumn. Lovely among these are Salet, with rosy-pink

(*Continued on page* 150)

Modernize Your Sun Room



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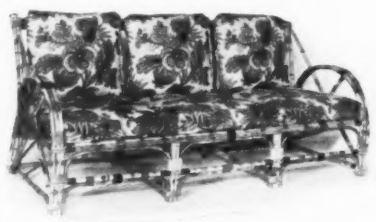
You are cordially invited to call at our showrooms, where a most representative display in a wide range of designs and colors is available for your selection. Purchases may be made through your dealer or decorator.

Before purchasing elsewhere, protect yourself against imitations by looking for the celluloid nameplate affixed to the bottom of each piece.



A PORTFOLIO *of colored prints and other illustrations will be mailed upon receipt of 25¢.*

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ESTABLISHED 1886

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Across the white sands—through the seven gates that pierced the old wall—into the oasis of the garden city of the world . . . the great merchants of medieval Spain and Italy thronged Damascus for its choicest treasure—Damask. Shrewd, excited bartering arose over splendid stuffs whose rare beauty and curious design of weave far outstripped that known in other lands.

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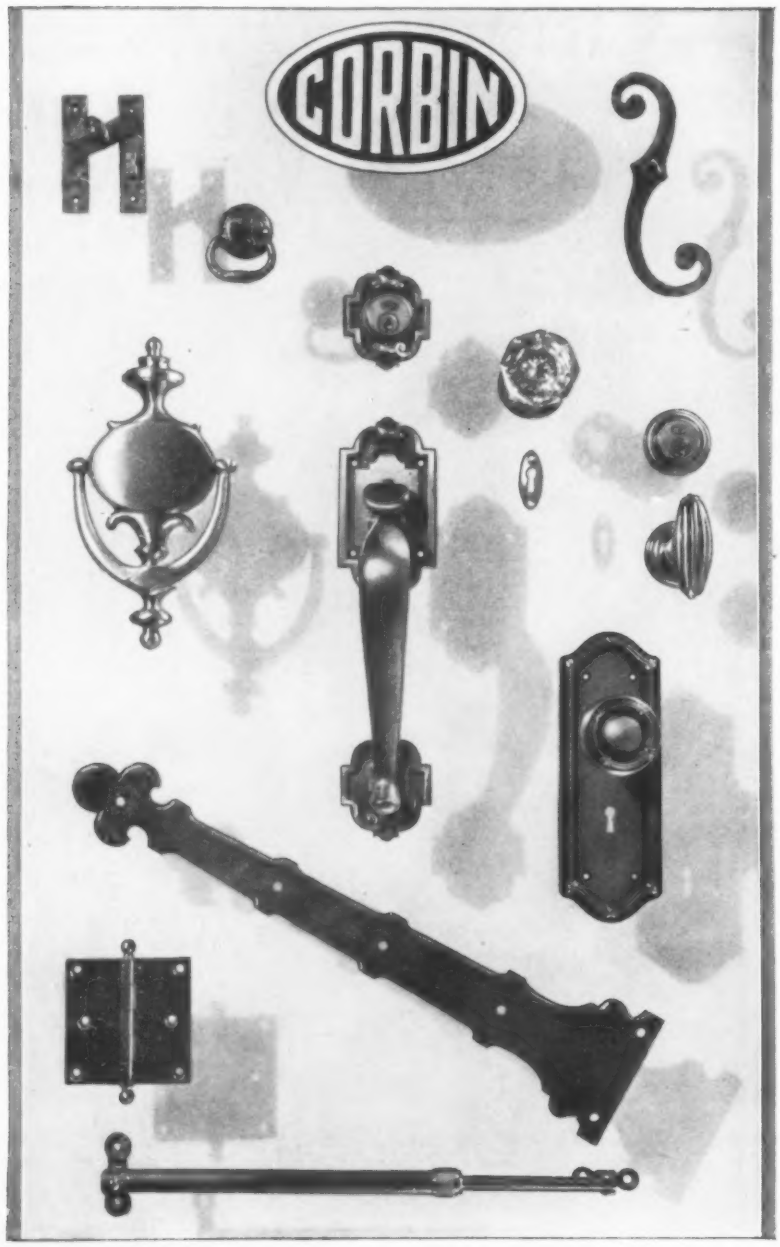

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SINCE 1849
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The American Hardware Corp., Successor
New York Chicago Philadelphia

SOME ROSES FROM OTHER DAYS

(*Continued from page* 148)

flowers, and Blanche Moreau, with heavily mossed buds and pure white flowers borne in clusters. The Moss Rose has a fault. It is addicted to mildew and should be grown well in the open where a free circulation of air and sunshine is assured, and the bushes should be well dusted with powdered sulphur several times in the spring and later in the summer as well if the season be a damp one. These Roses repay good treatment, too, and should be given a deep rich soil that is sweet and not too heavy.

Rosa alba, supposed to have been the White Rose of the House of York, is a widely distributed species, "found not only in Europe (Piedmont), but as far east as China." Its bush is upright and vigorous in growth; the wood has a grayish cast and the pointed leaves are pale, having the appearance of being lightly dusted with powder. The flowers are large, semi-double, and have a brush of golden stamens at the heart. It is a lovely Rose, very beautiful when arranged in low glass flower baskets. One of the most charming varieties of *Rosa alba* is the old Maiden's Blush (the Rose of Mrs. Browning's poem), a difficult kind to come at nowadays, but a choice possession when secured. Rose bugs and indeed all Rose insects adore the fragrant flushed cheeks of this Rose.

PERSIAN YELLOW

One of the most delightful Roses in our old Maryland garden was the Persian Yellow. There were huge tangled bushes of it growing in the grass, and no more lovely sight could be imagined than its prodigal display of semi-double yellow Roses in early June. It is amazing that the Persian Yellow Rose is not today more often grown as a shrub. The foliage is fine and attractive and few shrubs can surpass it in effectiveness when in bloom. Perhaps even finer is *Rosa harisoni*, raised by an American and bearing his name. It was first sent out in 1830. The branches of this Rose literally become wreaths of double bright yellow blossoms, which are globular at first but open out flat. This is indeed a most lovely Rose but I have found it more difficult to manage than the Persian Yellow, less vigorous and perhaps less hardy. These two yellow Roses and the lately introduced Hugonis should find a place in every garden. They should not be pruned. Being brier Roses "they produce their flowers from the second lateral shoots" so we must be careful not to cut these away. Only a thinning out of the old wood is permissible. If the strong growths of the previous year be bent over, they will break into growths at many points and upon these shoots flowers will be borne.

The old Scotch Roses, too, forms of *Rosa spinosissima*, should not be so wholly neglected as they are today. For the most part these are white, but occasionally pale pink or lemon-colored. The bushes are rather straggly in habit so should be planted three together for the best effect. Stanwell's Perpetual Scotch Brier has been a member of my garden family ever since I had a garden. It is a charming variety with small blush-colored flowers borne in great profusion.

Other old Roses that are suffering an unmerited neglect are the hybrid Chinas. A bed of such kinds as Cramoisi Superieur, Laurette Messimy, Mme. Eugene Rasal and Comtesse du Cayla will give you the most exquisite colors and forms. They bloom all the season, indefatigably. I have often gathered China Roses at Thanksgiving. And if you have the space do not fail to give yourself the pleasure of a few bushes of the floriferous white-flowered Noisette Rose, Madame Plantier. In this class also are the fragrant Bouquet d'Or, with pale yellow flowers, and Cromatella. These last two are somewhat less hardy. In country neighborhoods the ragged little Cinnamon Rose is often found along the wayside, or peeping through the broken palings of some old and deserted gardens. Great beauty cannot be claimed for it but it is a very sweet and spicy sort.

Our grandmothers grew many of the wild Rose species in the shrubberies and at the edge of the lawn, and this custom is being happily revived. Thus may be grown the Sweet Brier, the Musk Rose, where it is hardy, the lovely Dog Rose, the Macartney Rose (*Rosa bracteata*) with its white single flowers and delicious fruity perfume, and many more. The new Cotoneasters, the new Barberries, the wealth of new Lilacs and Mock Oranges, have caused these old shrub Roses to be neglected, but if June is to keep its place as the supreme flower month of the year they must be restored to our gardens.

OLD IDEAS

Some of the old notions about Rose growing are very amusing. There was the belief (doubtless never put to the test) that black Roses could be produced by "graffing" the Red Rose upon a black currant bush. In an ancient work called *The Countryman's Recreation* (1654) is this curious rule for obtaining an evergreen Rose:

"For to graffe the Rose, that his leaves shall be kept all the year greene some do take and cleave the Holly, and do graffe in a red or white Rosebud; and then put clay or mosse to him, and let him grow. And some put the Rose-bud into a slit of the bark, and so put clay and mosse, and bind him featly therein, and let him grow, and he shall carry his leaf all the yeare."

In that wildly conjectural old Natural History of Francis Bacon's, which lies before me as I write, he proclaims that a "Rose set by Garlicke is sweeter: Which likewise maybe, because the more Fetide Iuice of the Earth goeth into the Garlicke; and the more Odorate into the Rose."

I shall be glad to tell where the old Roses are to be bought to any who care to turn a leaf backwards in their Rose growing and enjoy again the kinds that lent charm to our grandmothers' gardens.

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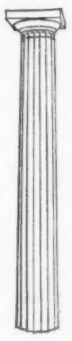

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This stunning new principle in locks

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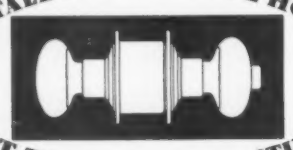

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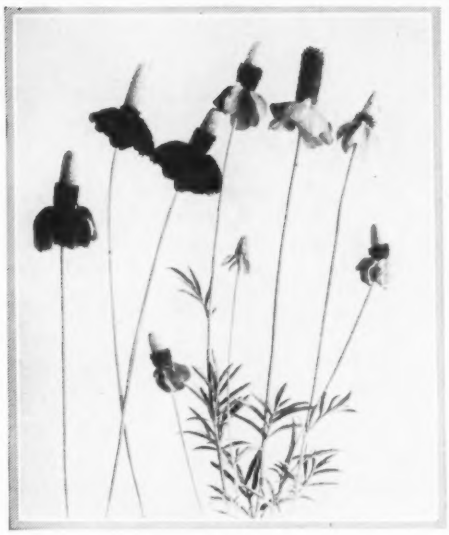

The three flowers on the left are the red-brown petaled Painted Coneflower (Lepachys columnaris); the others are the yellow type

COLORADO ALPINES AVAILABLE

(*Continued from page* 108)

mined at the time the articles were planned just what plants would prove suitable for cultivation, or when they could be obtained. The purpose was to arouse interest in a new source of desirable material for American gardens, and that has unquestionably been accomplished. Now, after rather thorough tests, it seems safe to say that many of the loveliest species have shown marked ability to conform to unaccustomed though ordinary cultural treatment and a number of them are now available to gardeners who desire to give them a trial. Many others have responded to my efforts at cultivation with similar complacency and these will be brought to attention as opportunity permits. When it is understood that hunting and gathering seeds or plants of unusual or purely local species often involves several thousand miles of travel and that time must be allowed for propagating and testing, the necessity of patient waiting for the coming of the longed-for treasures will be apparent."

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"Water and sunshine are universal and their relation to plant growth is much the same everywhere. It is different with soil; so success with most plants depends largely upon the character of the soil, and particularly upon its chemical reaction. The majority of ordinary garden plants grow best in soil that is neither very

(*Continued on page* 156)

Gilia pulchella, a dainty flower of the canyon slopes, with soft pink or pure white blossoms, likes to be given good drainage and shelter

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Fine Linens make an instant appeal to the woman who has pride in her home. At the Maison de Blanc, so exquisite is the assortment of household linens, that replenishing the linen chest is sheer joy. Colored linens add a cheerful and decorative note . . . and to the quiet distinction of French taste is coupled the real economy of purchasing where high quality is a tradition.

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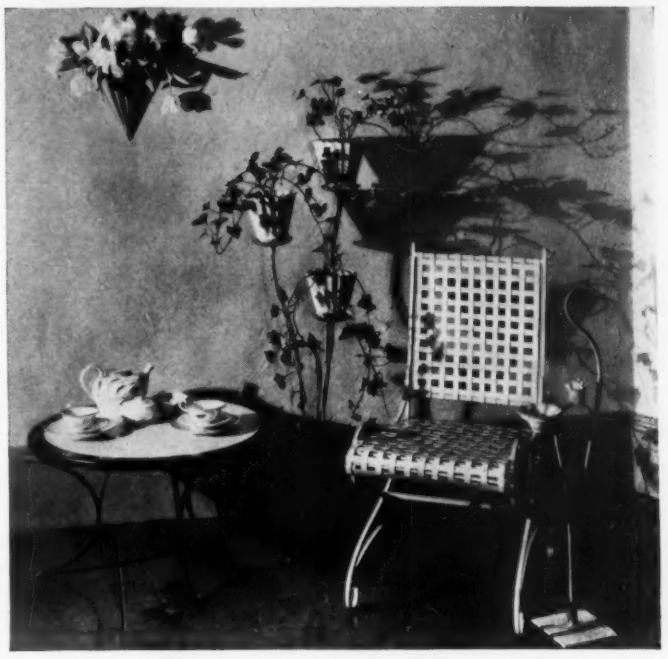

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Lilium montanum is the Wild Red Lily of the mountains, larger and brighter in color than its eastern cousin, L. philadelphicum

COLORADO ALPINES AVAILABLE

(*Continued from page* 154)

acid nor very alkaline, but nearly neutral in its reaction. A very important group of Rocky Mountain Alpines and Sub-alpines grow in soil composed of humus and resting upon a granitic base. This has a noticeable acid reaction. Generally speaking, however, the largest number of mountain species will do well in a close-to-neutral, well-drained sandy loam, which may be acidified as required by adding decomposed mold from under pines or hemlocks or oaks; or if this is not available, granulated peat moss or commercial tannic acid may be used."

Among the most desirable flowers that have been tested and show a preference for acid soil (and are now obtainable), are *Aconitum columbianum* (Mountain Monkshood), *Aquilegia caerulea* (Blue and White Columbine), *Caltha rotundifolia* (White Marshmarigold), three species of Bush Clematis, *Dodecatheon radicatum* (Brookside Shootingstar), *Erigeron macranthus* and *E. salsuginosus* (Mountain Daisies), *Erythronium parviflorum* (Glacier Troutlily), *Gentiana bigelovi* and *G. parryi* (Blue Gentians), *Mertensia ciliata* (Mountain Blue Bell), *Primula parryi* (Parry Primrose), *Polemonium confertum* (Musk-flower), *Ranunculus adoneus* (Glacier Buttercup), *Synthyris plantaginea* (Kittentails), *Trollius albiflorus* (Globe-flower), the Alpine Violets and *Zygadenus elegans* (Star-Hyacinth).

Other attractive and available species that are easily grown and seem satisfied with a practically neutral soil are *Arenaria hookeri* (Sandwort), *Aster apricus* (Summer Aster), *Corydalis montana* (Golden Corydalis), *Erysimum asperum* (Western Wallflower), *Geum ciliatum* (Rosy Avens), *Iris missouriensis* (Rocky Mountain Iris), *Sphaeralcea cuspidata* (Scarlet Mallow), *Veratrum speciosum* (White Hellebore).

Among the myriads of brilliant wildflowers that abound in the lower canyons and spread their gay colors over the rugged slopes of the basal foothills are a surprising number that, measured by all accepted standards, should be gladly welcomed to our garden repertory and accorded at least an equal footing with our so-called garden aristocrats. None of them has been mentioned in preceding articles and nearly all have hitherto been wasted treasures, but they can now be obtained and given an opportunity to prove their worth and beauty. Their cultural needs are simple and easily met.

Some will be found admirably fitted for adding needed variety to the hardy border, others for underplanting in shrubberies and still others for reinforcing the cutting garden. Quite a few are ideal rock garden plants. In fact there is none that is not well worth growing somewhere. And one exceedingly desirable characteristic they all possess in common is their profusion of bloom during a generously long season. They are, as a rule, at their best during the summer months when other flowers are few. The color range of several is amazing, embracing every imaginable hue and tint; and some of them are delightfully fragrant.

One of the daintiest is *Gilia pulchella*, or *aggregata* (not inaptly called "Skyrocket"), a species closely akin to and resembling somewhat the Standing Cypress (*Gilia rubra*) of the Central States. Both have open spikes of star-tipped, trumpet-shaped blossoms and deeply cut foliage like that of the Cypress-vine. The color of *Gilia rubra*, however, is uniformly bright scarlet-crimson while *pulchella* usually bears flowers of a soft, lovely pink, especially on slopes that face the west. A red-flowered form is most in evidence where the exposure is eastern, although we encountered

(*Continued on page* 158)

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COLORADO ALPINES AVAILABLE

(*Continued from page* 156)

many clumps and colonies among both variants with exquisite pure white blossoms. This Gilia is apt to winterkill in the East unless planted in a well-drained situation and, because of this tendency, is considered by some observers to be biennial. In sheltered localities, however, where water quickly drains away, it has proved to be perennial during at least three seasons, the longest period of trial with me. The plants seed freely and this is perhaps the surest way to establish and perpetuate them.

I have always admired the pleasing gracefulness of the loose, open racemes of the azure-flowered *Delphinium sinensis* of gardens and have often wished that I might run across a species of similar habit but of a deeper, richer blue. It was therefore with a real thrill that I first saw *Delphinium nelsoni* in the Colorado foothills, for it realized my wish in every respect. Mere words cannot give an idea of the depth and quality of its blueness, which is comparable though superior to that of *Anchusa italica*. It has the merit of blooming in early spring and should combine beautifully with the pale yellows of many Primroses. It is also a prolific seeder, but the seeds are slow to germinate. I have found, however, that if they are sown in late autumn, in a frame that is allowed to become filled with snow during winter storms, every one seems to come up the following spring.

THE PENTSTEMONS

The Pentstemon tribe takes first rank among other true blues and near blues, with a bewildering number of medium to tall growing species. I have already described the kinds of dwarf, compact habit in articles on the Alpine and Sub-alpine flora where the little fellows belong and while the richness of their coloring is wonderful, it is matched fully by that of their taller sisters of the lower altitudes. Two of the brightest and best are *Pentstemon secundiflorus* and *P. angustifolius*. Both of these show charming opalescent tints in the throats of their unique, tubular flowers and the expanded lips are of the purest and deepest ultramarine, rivaling that of the finest Delphiniums. As they grow naturally in dryish but fertile soil of neutral reaction, it is not remarkable to note how kindly they take to almost any location in my garden. Incidentally, it is a profound mystery to me why the Pentstemons offered by most American nurserymen are, with the exception of the red *P. barbatus torreyi* and the half hardy *P. gloxinioides*, of coarse and weedy aspect with muddily-tinted flowers, none of them as good looking as the common Beardstongue of our eastern fields and waysides. The only explanation possible is that our dealers, as a general rule, are not at all interested in departing from the monotony of their century-old catalog offerings.

One of my most enjoyable recreations, during the intervals between our long journeys to far-away regions, was exploring the stream banks and slopes of the lower Boulder and Big Thompson canyons and the Devil's Gulch. The easily accessible flora of these natural wild gardens was so familiar to my companion plant hunter as to seem commonplace to him, but it was all new and fascinating to me. And nothing thrilled me more than to encounter, as I did frequently, the Wild Red Lily of the mountains, *Lilium montanum*. Bailey dismisses this glorious species with scant courtesy, merely saying that it is very similar to, if not identical with, *L. philadelphicum*, the red Wood Lily of our eastern forests. But I doubt if he ever saw it, for to my eyes it is vastly superior to ours in its vigor of growth, its larger and more substantial blossoms and its brilliancy of color, a glowing scarlet that is rarely equaled in Nature's garden. It is a denizen of moist thickets where the soil is deep, rich, neutral humus, blooms in July and should thrive in any location where the Meadow Lily (*L. canadense*) is happy. Unfortunately, the bulbs have not as yet been made available, but I trust they will be obtainable in the near future.

CANYONS AND FOOTHILLS

The remaining space at my disposal will not permit me to say as much about other flowers of the canyons and foothills as I would like. I have given most attention to the four species that I particularly admire, but that does not mean that those that follow are less attractive or valuable as garden material. There isn't room to do more than call attention to their more important characteristics, yet I trust this much will serve to excite interest and lead to better acquaintance with them.

Anemone patens nuttalliana (American Pasqueflower). The silky buds expand in early spring into pale purple blossoms as large as Crocuses. They thrive best on the foothills in acid, sandy soil located under coniferous trees.

Claytonia rosea (Mountain Springbeauty). A very profuse bloomer. Its very dainty flowers pale rose with crimson stripes. Grows on or near stream banks, usually in moist thickets.

Dodecatheon radicatum (Brookside Shootingstar). An exquisite member of this charming family. Bears rosy-pink, dart-like flowers in clusters on foot-high stems, in early summer. Moist banks in shade.

Gentiana bigelovi (Bigelow's Gentian). Makes clumps about a foot high, often having forty to fifty stems on a single plant, each stem bearing ten to twenty bright blue, funnel-shaped flowers. Found in moist, rich soil in the canyons.

Aster porteri (Porter's Aster). Andrews calls this the Aster *par excellence* for the rock garden. Never over a foot high, it forms neat clumps with numerous stems, each crowned with snowy white blossoms of unusual size. Of easiest culture, in ordinary soil and sunny situations.

Calochortus gunnisoni (Mariposa or Sego Lily). This is considered by

(*Continued on page* 180)

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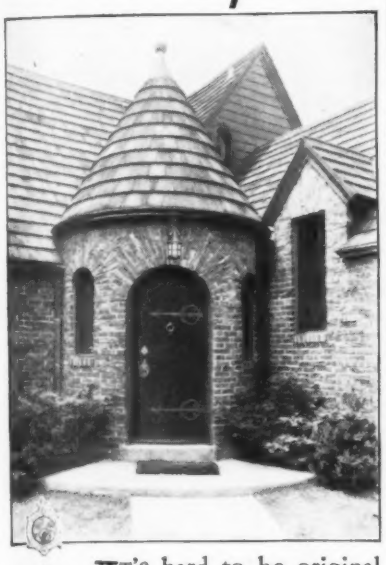

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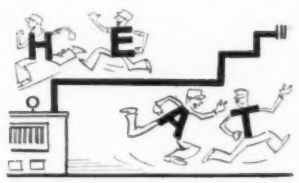

any line of bare pipes and are responsible for cold rooms and chilly corners because of radiators that never get hot enough.

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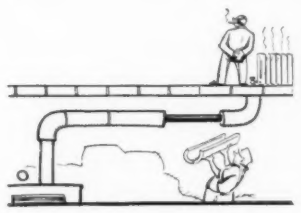

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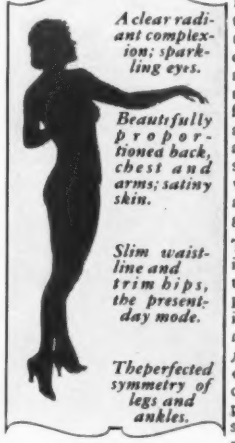
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PLANTS FROM CUTTINGS

(*Continued from page* 106)

cutting, however, will be exactly like the one from which it was taken. If this plant happens to show some extraordinarily good qualities, such as more vigorous growth, brighter, finer color or a greater production of blossoms than its type, these characteristics will be carried on through plants grown by cuttings.

One of the great advantages of making use of this means of propagation is that, when one happens to find among a lot of plants grown from seed, an individual specimen which is particularly fine, or which has a special appeal to the grower, it may be retained indefinitely instead of perishing with the death of the original plant. Anyone who has ever grown from seed even such flowers as Petunias or Verbenas, in mixture, knows that occasionally a flower will show up with a color so different, or with so much greater appeal than its sisters, that immediately there comes the impulse to save it. Not merely these simple things, but also flowers of much greater value, may be perpetuated by anyone who has learned the simple details of the art of growing plants from cuttings.

And in addition to any other advantages, there is the fun to be had! There is a fascination about the work which is quite distinct from, and which many people think is even greater than, that connected with the growing of plants from seed. Many cuttings will form roots in a space of time no longer, or little longer, than that required for the majority of seeds to germinate—and miniature plants are all ready to start off with. Not infrequently they will be found to flower by the time that seedlings would merely be getting a good start.

RECENT EXPERIMENTS

The recent experiments with the propagation of plants from cuttings, already referred to, have discovered some remarkable facts. Many of these have already proven to be of practical service to commercial propagators, and may likewise be taken advantage of by the amateur. Others are of interest, as yet, chiefly because of the additional knowledge concerning this fascinating and important branch of plant culture which they promise to reveal later on, when more extensive data shall have been accumulated.

The age of the growth or "wood" which is used in making the cutting is one of the factors which determine success. This, of course, has been realized for a long time, and is the basis for the old "snapping" test used when making cuttings of soft-wooded plants. But specific experiments have demonstrated that the rooting response of a plant varies much more greatly and more uniformly, in this respect, than was suspected. Heliotrope cuttings, for instance, root most readily when taken one inch back from the growing tip. Such cuttings rooted in seven days, while similar cuttings, taken three inches back from the tip, required fourteen days, and those taken six inches back, three to five weeks! This happened not only once, but time after time. In other plants, the second, third or fourth cutting from the tip, in each case, is the one which will root most readily. When these experiments have been carried out further, we will, undoubtedly, have "tables" to show just what section of growth to use for various plants in order to make certain of getting the best results.

The season of the year at which cuttings should be taken, to root most readily, also varies with different plants. Many shrubs root readily from hard-wood dormant cuttings, but many others—as for example, the Nanking or Chinese Cherry (*Prunus tomentosa*)—practically refuse to do this; but green cuttings, from new spring growth, cut back almost to the old wood, root readily. And so the vagaries and idiosyncrasies, not only of species and types of plants, but even of individual varieties, are being ferreted out, and the causes of failures not heretofore understood are one by one being eliminated.

THE LEAVES

Another thing which has been scientifically tested is the amount of foliage which should be left on green-wood or growing cuttings. Black Currant cuttings, taken from the same plant, have shown no sign of rooting in three weeks' time, where the leaves were entirely removed, while those cuttings with the top leaves left on have rooted vigorously. Cuttings made late in the season—that is, as foliage approaches maturity or ripening—are less dependent upon the presence of leaves than those made early in the season—just why has not as yet been discovered.

It has long been the practice, in the preparation of soft-wood cuttings, to trim back the larger leaves. In many cases, this interferes with root development. With Geraniums, which are always trimmed back, cuttings with leaves left entire show best results. The experiments so far conducted seem to indicate that, in general, the more foliage which can be left on green-wood cuttings, and maintained in an unwilted condition, the better the result.

The medium in which the cuttings are rooted is another important factor. For generations, sand has been the accepted standard material in which to place cuttings for rooting, especially in this country. European propagators have made extensive use of peatmoss, especially in the propagation of Azaleas and other ericaceous or acid-tolerant plants.

In recent experiments in Ohio Geraniums rooted 81% in peatmoss and only 58% in sand; the latter, however, is an unusually low percentage for this subject. The experience of some indicates that the majority of plants will root satisfactorily in a mixture of half peatmoss and half sand, and this is the best medium for general use. For some items, such as Boxwood and many of the ordinary shrubs, a mixture of peatmoss and sandy loam, mixed

(*Continued on page* 164)

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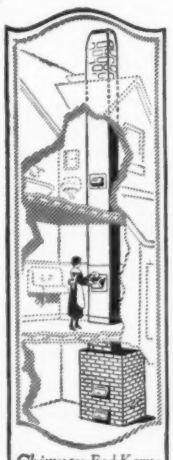

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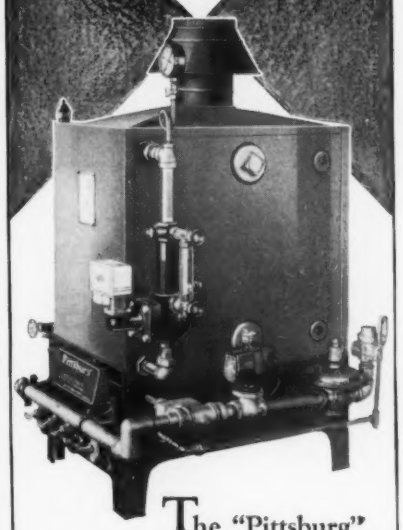

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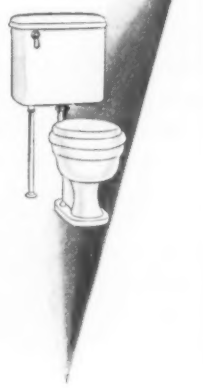

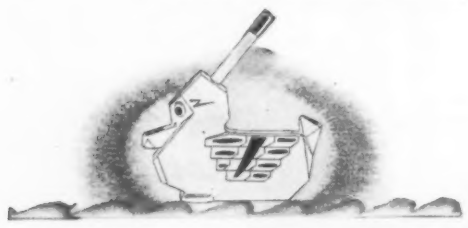

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Name .....

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PLANTS FROM CUTTINGS

(*Continued from page* 162)

in the proportion of half and half, makes a good rooting medium.

Moisture and temperature are, of course, important factors in rooting cuttings. Fortunately, with most plants, there is a considerable range in the temperatures which will produce satisfactory results, the chief difference being in the time required for the roots to develop. Experiments with our common native Winterberry (*Ilex verticillata*), which is a cold-blooded plant, rooted 100% in eighteen days at a temperature of 81°, while at 58° it required forty-two days, with a corresponding difference in the time requirement at various temperatures between. The significance in this for the amateur is that, while lacking the means of temperature control available to the commercial propagator, he may nevertheless, in many instances, get as good results simply by waiting longer for them. Experiments now being carried on will eventually determine the ideal temperature for many different plants. The Geranium, for instance, roots most readily at a temperature of 75°. As would be expected, heat loving plants such as Coleus, Salvias and Begonias show more of a reaction to comparatively high temperatures than hardy or near-hardy plants, like the average of perennials, or such of the greenhouse plants as Paris Daisies, Lantanas and Carnations.

Bottom heat—that is, heat applied in such a way that the rooting medium may be kept several degrees warmer than the atmosphere above it—is of great assistance in the rooting of cuttings of most kinds, as it stimulates the development of the roots before top growth starts. In a greenhouse such special treatment is easily given. Rooting cuttings in the dwelling house may also be tried in a specially constructed glass-topped frame placed over a radiator.

CONTROLLING MOISTURE

Moisture control is quite as important as the temperature control, or even more so. It consists in maintaining the necessary degree of moisture, both in the rooting medium and in the atmosphere about the cuttings. A close, moist or humid atmosphere is essential for many types of cuttings, especially those made with foliage. One purpose which it serves is in keeping the leaves on the cuttings—which as we have seen are in many cases essential—from wilting. Even in a moist or humid atmosphere it is necessary to slightly wet the foliage of the cuttings in the morning and after a hot day in the evening. This is best done by means of a sprayer which produces a fine mist. This spraying is entirely apart from guarding against the rooting medium becoming dry.

A glass preserve jar placed over a green-wood Rose cutting or slip is a very simple form of apparatus designed to effect moisture control, with which everyone is familiar.

From all this discussion of experiments and theory, what is there which the amateur gardener may turn to his own practical advantage?

To begin with, he may realize that there is a very long list of plants which, at one season or another, he may propagate successfully without any special equipment other than that which he can easily provide for himself. This includes most of the perennials and annuals, the majority of Roses and common shrubs and, as he becomes a little more expert, he may even try more difficult subjects.

One of the first things for the beginner to learn is the different types of cuttings and just how to make them. Distinction should be made between green- or soft-wood cuttings, firm-wood cuttings and hard-wood or dormant cuttings.

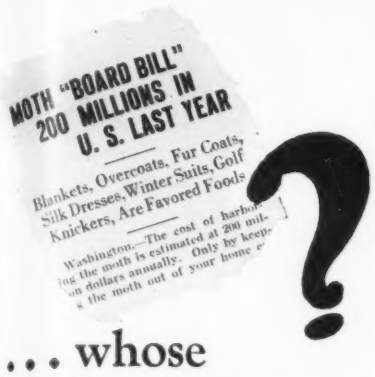
Green or soft-wood cuttings are usually the first attempted. Examples of this kind which may usually be rooted quite readily are Geraniums, Heliotropes, Begonias and other house plants and bedding plants, annuals, many perennials and shrubs.

A TEST OF AGE

The old and still useful test for determining the proper condition of the wood for making such cuttings is known as the "snapping" test. If the green shoot which is to be used for making the cuttings is bent near the tip, it will be found flexible or too soft to make a good cutting. A bit farther down, where the wood is older and has become more firm, it will, when bent between the fingers, "snap" like a String Bean. This fairly brittle condition of the wood is just right in the case of most plants. Still farther down, where the wood has become hardened and the fibres tough, it may be bent nearly double without breaking—such wood is too old to make good cuttings. There are, of course, exceptions to this general rule, but it serves to go by until these exceptions are learned. Green-wood cuttings may be from two to six inches long, three or four being a good length as this makes a convenient size to handle and allows for leaving some foliage at the top, with enough stem to insert firmly in the cutting medium. The bottom cut is usually made just at or below a joint, though this is not necessary for all varieties. The lower leaves are carefully cut off and the largest of the upper ones, in the case of large leaved plants, are trimmed back somewhat, both for convenience in handling and to lessen the danger of wilting. The bottom cut is usually made somewhat slanting, as this insures more even contact with the sand or peatmoss after the cutting has been pushed into it, and a somewhat larger surface upon which the callus or granular scabbing over which usually proceeds the development of roots, may form. It is of great importance that the cut be cleanly made with a sharp knife, so that the bark is not bruised or broken.

Firm-wood cuttings are made in much the same way as soft-wood cuttings, excepting that older wood is used, and that they are generally made somewhat longer, and with a smaller proportion of foliage. Many shrubs, Roses and some of the broadleaved

(*Continued on page* 178)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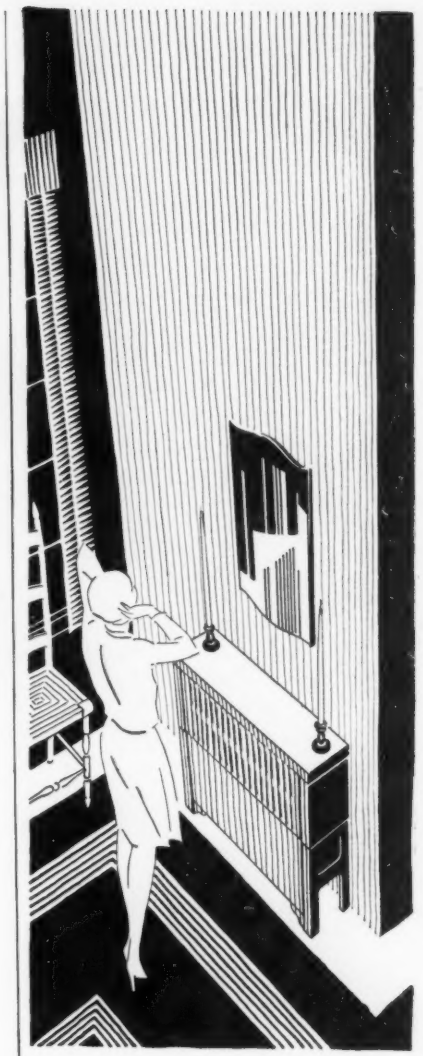

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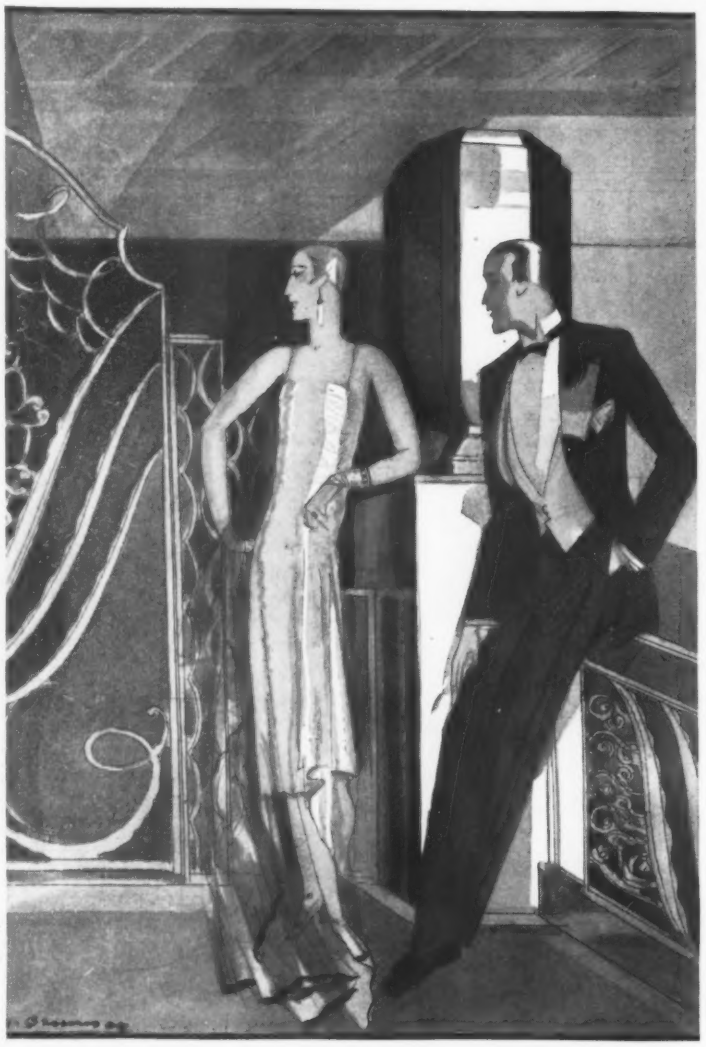

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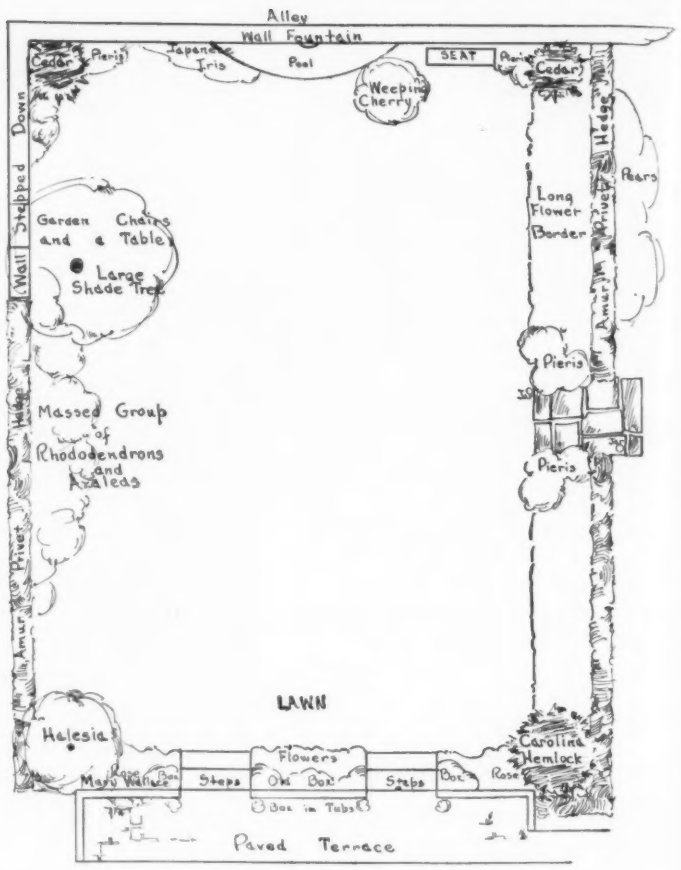

The plan of the restful garden shows a simple scheme enclosed by hedge and wall for seclusion. It measures about fifty by seventy feet and within it one can grow few or many flowers, as desired

ON HAVING A RESTFUL GARDEN

(*Continued from page* 103)

places. One does not need to resort to Golden Glow to find plant material that can shift for itself when the gardener must leave it. However, it does take a wide knowledge of plants and the habit of observing their traits to know how long they can be neglected without injury.

The reason native plant material fits so admirably into this sort of garden plan is that every gardener can, if he wishes, learn to know all the small details governing the happiness of wild plants in nearby fields and woods. These wildings have learned to care for themselves. Generation after generation, they have survived the hazards of wild existence—storm, drought, bugs and accidents. Given an environment in the garden similar to their wild home, these plants continue their happy existence even though they get few attentions from the gardener.

Sometimes special gardens begin with receiving a choice plant and hunting around the garden for a suitable place to grow it. Eventually a special garden for particularly favored flowers develops; or, as suggested by this sketch, a secluded garden is planned with a background that conform's to one's ideas of landscaping, and then the flowers are added from time to time as delicate lace and embroidery to finish the creation. This can be a collector's garden, or one that increases in rich detail each planting season just by chance; for if plants never changed and if time left no mark on one's garden, the charm and enchantment of having flowers would soon grow stale or get to the level of collecting postage stamps which to a gardener seems a deadly dull amusement.

The beginning gardener who wonders if flower-growing is worth while usually has a genuine love for flowers but has not learned the fascination of watching plants develop. Or, possibly, garden maintenance has proved to be too costly. No garden can give much pleasure if it is a financial burden.

While no amount of time and energy spent on well-loved plants will seem like "trouble", there has to be some balance between the Victorian idea that ladies and gentlemen could use nothing larger than scissors in the garden and the modern tendency of all enthusiastic gardeners to wear out all their old clothes as well as hoes and spades. But a wrong type of garden and burdensome plants have been selected if the labor and cost of growing flowers are constantly remembered.

The most complicated and long-drawn-out process in gardening is learning to know the plants that are really worth growing in one's own garden plot. All amateur garden-making finally gets down to the happiness and diversion it gives to the one who begins the garden.

Of course, nurseries grow plants to make money even though the head of the nursery may be an ardent gardener, but no amateur wishes to be mercenary about flowers; and we have gardens for the sole purpose

(*Continued on page* 170)

IT'S A BOHN PORCELAIN EXTERIOR

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FOR many years BOHN has been making refrigerators, not merely to provide a receptacle for ice and eatables; rather to create a sanitary refuge to which a housewife would commit the rarest of her handiwork, with confidence that it would retain all its daintiness when served hours later to her guests. Nothing would do for this finest of scientific refrigerators but white porcelain enamel. BOHN porcelain is as sheer and pure in its beauty as the marble of Paros.

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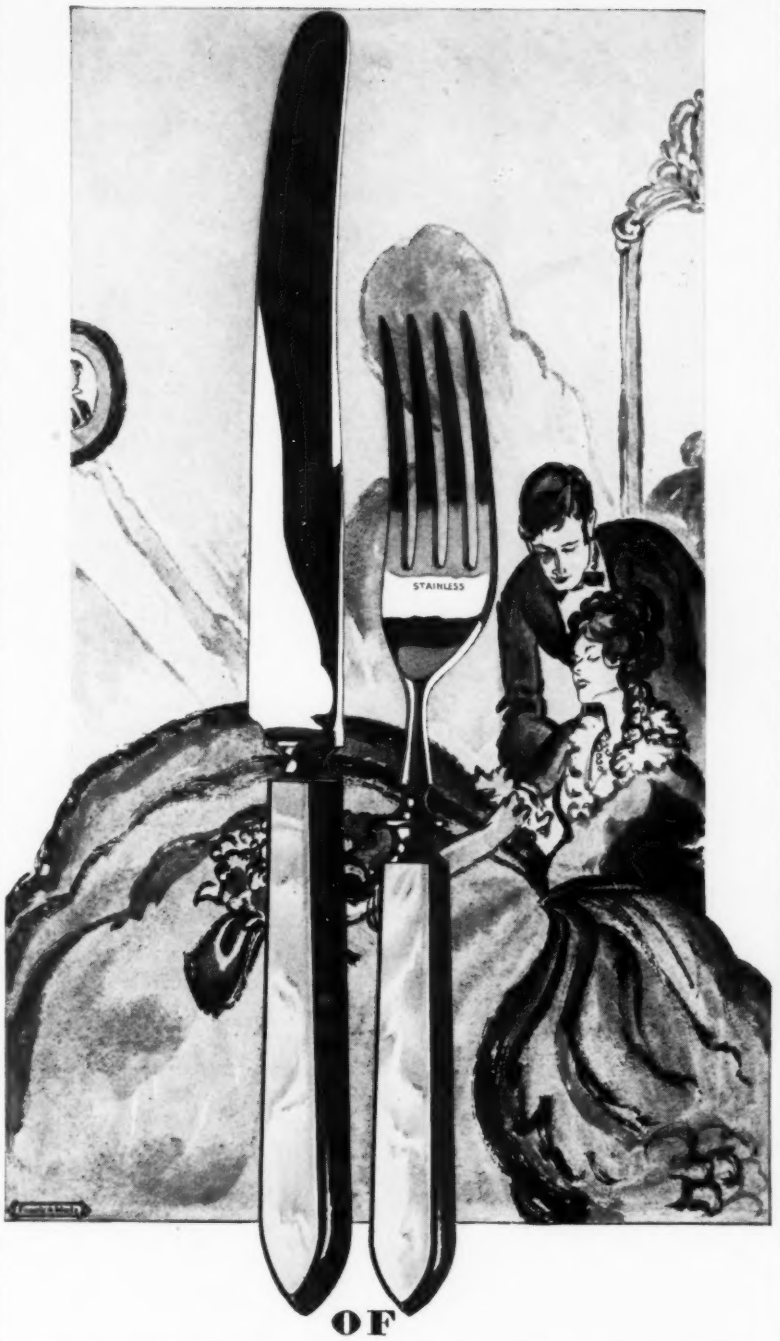

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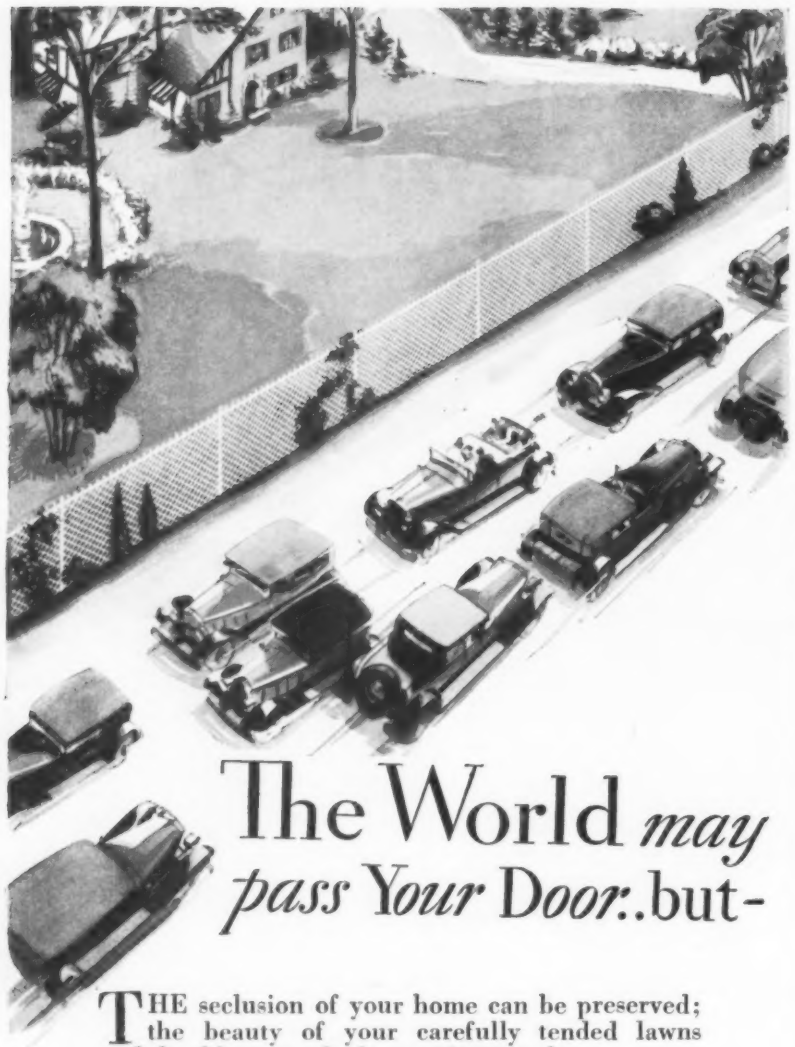

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Consult telephone directory for nearest office

ANCHOR Fences

ON HAVING A RESTFUL GARDEN

(*Continued from page* 166)

of bringing more beauty and peace into our lives—which goes back to the original idea that we must so construct our gardens that tranquillity will seem to dwell in them. If the humdrum affairs of everyday can be forgotten when we lift the latch of our garden gate, we have achieved a successful garden.

Seclusion is a vital part of garden charm, though often overlooked by amateurs who have only a small area for the garden. Every new gardener should appreciate how much the frame means to the flowers, yet how seldom does he consider the architectural qualities of his planting material? Usually a Rose bud induced him to dig a hole for a Rose bush, or a flaming Poppy started off the first seed order, without a thought for the sand-pile or the neighboring corn patch which will probably be in the picture.

Backgrounds take years to reach perfection unless initial cost is ignored, so they are the most important part of a new garden. Besides, after they are once established, shrubs and small trees require much less attention than do flower borders.

THE SHRUBS

They are permanent garden features and deserve as much effort spent on proper soil and moisture conditions to make them thrive as flowers usually receive; but shrubs are often planted just any old way because they can manage to survive. Many gardeners do not give them a chance to fulfill their possibilities.

The fact that soil and exposure are important both limits our opportunities and challenges our ability to provide a suitable environment for every plant and shrub in the garden. If the growing conditions are identical with those from which the particular plant has come, it will grow in the new site with a minimum amount of care after planting.

Pulling weeds and thinning seedlings should be the most important maintenance requirement of herbaceous perennials. Many of our ideas about cultivating plants—usually foreign plants—are derived from the greenhouse methods used when bedding plants and annuals were almost the only flowers used in gardens.

Modern experiments with soils should change some of these notions of outdoor gardening. One of the most interesting and illuminating chapters on soils is "Natural Soils and their Treatment" in Durand's *Wild Flowers and Ferns*. It is written simply enough for any beginning gardener to understand.

If we choose to grow exotic plants, the need for acclimating them makes necessary many complicated gardening operations. Contrast the huskiness of our wild Roses with one of the Teas from China—the fussing these Teas require. They need continual watchfulness and labor from spring until late December.

A man may relish overcoming obstacles, but few women care for the bug and worm squashing and unremitting sprays the hybrid Teas require. Repose seems to flee from any garden when liquid manure and nicotine solutions permeate the air, even though one does not apply them personally. Feminine gardeners may approve the abstract idea of applying necessary fertilizers, but most of them will choose to have the plots which need these smelly aids to gardening far removed from the vicinity of the house.

I believe that more real enjoyment can be had from a livable garden than from one that grows prize blooms; and since most suburban homes must be limited to one garden design, I am suggesting a plan for those who prefer a simple and secluded garden where they can grow many or few flowers just as they may feel inclined.

The quiet subdued foreground and the vista of the pool can be viewed from the terrace; and the wall with the cool deep color of the evergreens gives a formal sculptured background. Service areas and vegetable or cutting gardens are beyond the hedge and reached by the flagged walk which ends at the hedge.

In this garden, coolness and shade could be found in summer, and a pleasant sheltered retreat for a short walk on a winter day. Any secluded garden is restful. Annoying distractions can very often be put out of mind if they can be out of sight.

In the spaces between the flowering shrubs and the small evergreens the soil can be made suitable for rare flowers or our fast disappearing wildings, for they come to be appreciated by all gardeners who are particular to watch the development of their plants. You know there are some gardeners who count only the year's harvest of flowers.

PALE LAUREL

Almost everyone has a soft spot in his heart for a shy little blossom—one that his next-door neighbor probably thinks utterly commonplace—and here is the place to grow it.

The dwarf Pale Laurel, *Kalmia polifolia*, can be tried as a garden shrub near the pool where bog conditions are approached. This is a rare native found in boggy places, blooming in late April and May, and growing only twenty to thirty inches high. And nearby another rare bog shrub, *Andromeda polifolia*, might be planted. It is also evergreen and has blossoms like little bells.

Tall Astilbes with their large panicles of white or salmon or rose could well replace the Japanese Iris in the diagram. They have the same power of commanding attention as the Iris. One of the loveliest is an *arendsi* hybrid, *grandis rosea maxima*, slim spires of pink sitting upon stems four feet tall.

Plant *Trollius* and *Aconitum* species where they have the advantage of the moisture laden air about the pool and give them rich woods soil. They both adequately repay a few extra attentions—frequent hosings and top-dressings of good compost.

But never, never be tempted to

(*Continued on page* 174)

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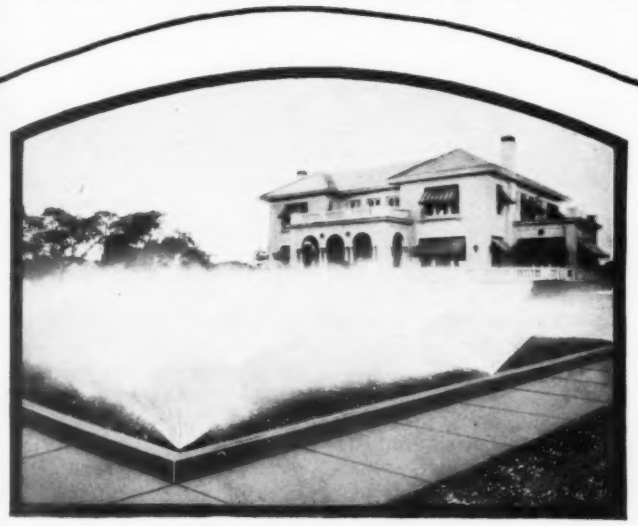

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The Bartlett Way

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Bartlett Heal Collar

ON HAVING A RESTFUL GARDEN

(*Continued from page* 170)

bring home a wild lowland Buttercup to plant by your pool! If you should, you will be trying to rid yourself of it season after season for its trailing branches root at every leaf joint and it runs like fleet Atalanta. How sad that some of its haughty relatives growing in high mountain bogs cannot be endowed with this plebeian weediness.

Silene alpestris, a small Alpine that resembles a Pink, is said to bloom profusely in bog conditions. However, I know that it is easy to raise from seed and will bloom, though not abundantly, in a crevice between stepping stones. It could be tucked among larger plants for service as a ground cover.

And if you should be so lucky as to acquire a Gentian, either a native fringed one or a still more hard to come by Alpine species, the place to try growing it would be near the pool in rich humus with plenty of sand and grit for drainage.

Think of the possibilities of experimenting with bog Primroses—*rosea* if you can get it; or *P. japonica*, seed of which can be had without much difficulty though my seedlings (and from English seeds!) turned out to be something quite different and are still unidentified. *P. sieboldi* and *P. cashmeriana* are bog Primroses not too difficult for a patient gardener to try to grow (and that means seed sowing). *P. bulleyana* I raised from seed with the delicious sense of being a graduate gardener, but I've been woefully disappointed over the blossoms; no description explained how very small they were in proportion to the tall candelabra stem on which they grow. The plants get quite faint on a dry summer day but manage to survive my neglect. They are too rare to discard, though I wish for a fairy wand which could change them all into one *Primula denticulata*; the latter is just the kind of adorable flower I like, but seed has consistently failed to germinate for me.

PRIMROSES AND LILIES

There is a charm about Primroses that keeps gardeners trying to grow them in spite of knowing there will be many failures—but some folk are never contented with easy victories, and so Alpine and bog Primroses were planned especially for them!

Our native *Lilium canadense* grows naturally in cool moist soil and is the most graceful wild Lily of our Northeastern States. The clear yellow form is far the best color. Try to get the bulbs delivered in late August so they will not be long out of the soil, and leave them undisturbed for as long as you can curb your desire to divide them.

The soil for Pieris, Azaleas and Rhododendrons should be cool, rich, light and made decidedly acid with peatmoss or leaf-mold, and there should always be a permanent mulch of rotted leaves over the beds.

In the half-shade under these shrubs there will be places for those rare native plants that are now so seldom found unless we go woodsing far from paved roads. Many of them are acid soil plants that grow naturally beneath the shield of trees and bushes, and they can never adapt themselves to border cultivation.

But how pleasant it is to have rare wildings growing comfortably where we can slip out to see how much more the buds have swelled overnight. Perhaps we can collect the plants ourselves and remember each time we see them in our garden some breath-taking mountain side or the cool deep woods from which they came. Or they may remind us of an exquisite sunset at the end of a plant-hunting day.

I once collected Mountain Laurel seedlings; and every time I see them, still so small, they remind me of those steep wooded hillsides with the billows of Laurel blossoms high on the hills among the Hemlocks and Tulip trees, and the cold sparkling brook and the damp mossy stones far below where the sun never seemed to penetrate—a beautiful picture to treasure in my memory.

FOR ACID SOIL

After they are established, the only attentions these acid soil plants require will be weeding and mulching and an extra shower in dry weather.

This is the place to try growing our choice native Orchids. They can be purchased from several nurseries that specialize in native plants.

The relative degree of acidity can be varied. Under shrubs that grow in highly acid soil like *Andromeda polifolia*, *Pieris floribunda*, *Azalea viscosa*, the *Kalmia* and *Rhodora*, grow such plants as *Cypripedium acaule* and *Iris verna*—two rare and exquisite wildings seldom grown successfully in gardens because they are not given an acid diet. Other rare and difficult wildflowers for very acid soil are the Trailing Arbutus, Twin-Flower, Galax, Wintergreen and the fringed Orchis *Habenaria blephariglottis* and *H. ciliaris*—all of them plants that should be left alone unless the gardener provides a duplicate of their wild home.

Under the various Rhododendrons and our native Azaleas, *rosea arborescens*, *calendulacea* and *nudiflora*, which only need a moderately acid soil, many flowers can be grown. The list from which to choose is quite long, and there are many plants from other countries that thrive under these conditions—for example the Christmas Rose, *Helleborus niger*, will like leaf soil and the protection overhead that a shrub affords. Christmas Roses, I think, are well worth agonized vigilance to get them established. Once growing, however, they should not be disturbed—a splendid alibi when a thoughtless acquaintance boldly asks for a piece of the treasure! Each autumn a top-dressing of old manure and humus should be given to them.

Plants that thrive in moderately acid soil are the Bluets, *Houstonia caerulea*; the Birdsfoot Violet, *Viola pedata*; *Blue Cohosh*; the Columbines; Bishop's Cap, *Mitella diphylla*;

(*Continued on page* 176)

There is only one Dubois. It is made by hand in France of live, split, Chestnut saplings woven closely together with heavy, rust-proof Copperweld wire. It comes ready to erect in 5-ft. sections, and in three heights: 6'6", 4'11", and 3'10", with quaint gates to match.

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HE: "How much would it cost us?"

SHE: "I haven't an *idea*, but it's *so* good-looking I'm sure it must be *terribly* expensive."

HE: "Well, let's find out the worst anyway!
(We step gracefully forward and quote prices)

SHE: "Oh, I never *dreamed* it was that *moderate*! Why, we can afford that!"

People are often so easily misled as to the actual cost of a beautiful article. They go on the assumption that because a thing is unusually distinctive and charming, it must be correspondingly expensive.

This is not so in the case of Dubois, the lovely French fence which, true enough, *looks* as though it might be attainable only by the very wealthy. Yet even the initial cost of Dubois is far lower than most people imagine.

When you consider that Dubois gives at least 30 years of service, you only begin to realize what an extraordinarily economical fence it is to use. For during all these years of service it does not cost a cent for upkeep, as it cannot rust and requires no periodic painting. This means, too, that any clinging vines or shrubs need never be torn down or molested, as is the case with other types of fencing.

And in addition to these economies, you get the charming seclusion, the quaint, rustic beauty which Dubois, alone among fences, can supply!

Don't you, too, want to know just how *little* it will cost for Dubois, and how *much* it can do toward increasing the joy of using your grounds? Just mail coupon below, for illustrated catalog and price list, to Dubois Fence & Garden Co., Inc., 101 Park Ave., New York.

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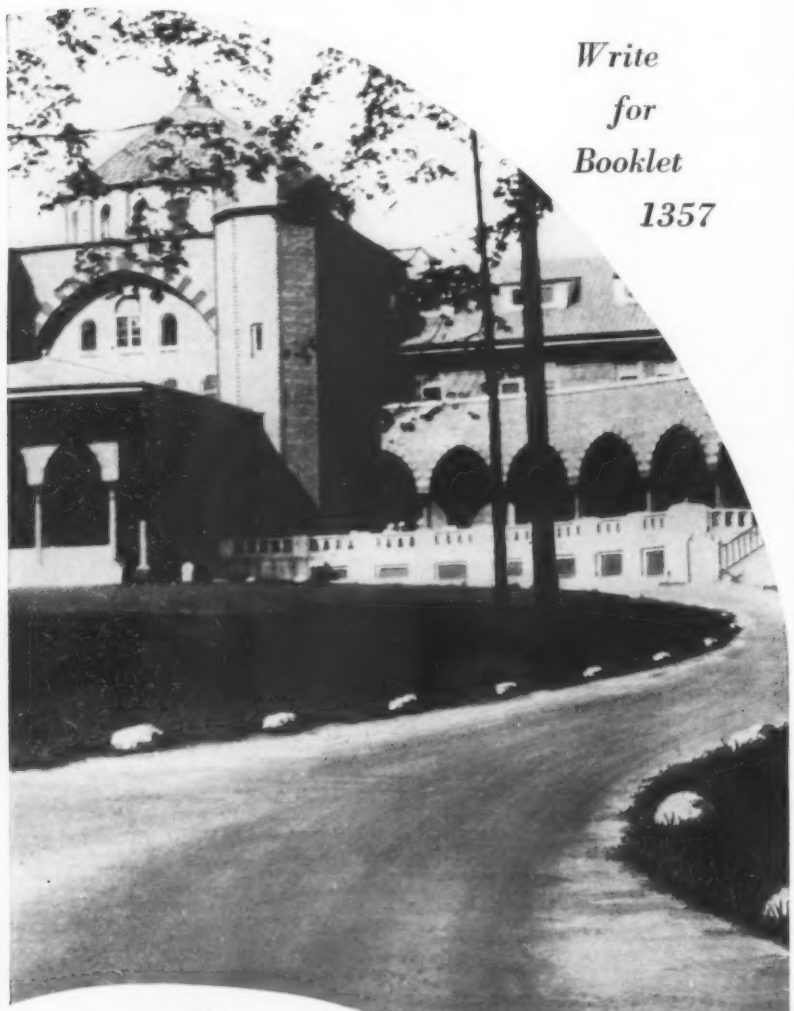

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THE IDEAL DUST LAYER AND SURFACE BINDER

ON HAVING A RESTFUL GARDEN

(*Continued from page* 174)

Bluebells, *Campanula rotundifolia;* Dutchman's-breeches, *Dicentra cucullaria;* the wild Lilies, *L. canadense* and *L. superbum;* the Ladyslippers, *Cypripedium candidum, C. parviflorum, C. pubescens, C. spectabilis* and other Orchids, *Goodyera pubescens, Liparis lilifolia, Orchis spectabilis, Spiranthes cernua* and the Rattlesnake Plantain, *Epipactis pubescens; Pipsissewa* and its near relative, *Chimaphila maculata;* the Partridge Berry, *Mitchella repens;* the Phlox, both *P. divaricata* and *P. subulata;* the Trilliums; Shootingstars; Windflowers, and many others—most of them deeply resenting border culture but growing willingly enough if they are planted in a situation similar to that of their wild home.

THE DAPHNES

The small evergreen shrub, *Daphne cneorum*, is a most lovely but sometimes tricky plant to grow in the shelter of the mountain Andromeda, *Pieris floribunda*, and *Daphne mezereum* can be used to break the line of massed Azaleas. Both in its heavenly fragrance and dainty clusters of blossoms, *Daphne cneorum* rivals our native Trailing Arbutus which is almost impossible to grow in the garden even though we take infinite pains to please it. These Daphnes will grow with only a reasonable amount of coddling but I give them an excelsior coverlet through the winter just to be on the safe side. They want plenty of leaf-soil and a place that does not get parched.

Many of the wild species of that vast genus *Iris* are almost unknown in gardens. Some of the most delightful ones can be grown in half-shade and leaf soil. The small garden can be wonderfully enriched by having Iris species rather than *Iris germanica* which requires both elbow room and sunshine, and soon grows beyond the space allotted to Iris.

The Crested group is particularly suited to a shaded garden where the soil contains an abundance of humus. Fairy-like in their exquisite perfection of form and flower, the following Iris please the most exacting collector:

Iris tectorum is recommended by Dykes as being the best garden plant in this group. The flowers are large enough for cutting, deep lavender, and there is a white form. It has shallow roots and wants rich, partly shadowed soil; and midsummer is the time for replanting. It is often called the Roof Iris of Japan. My plants were almost ruined last spring through leaving the winter cover on too long, for they began to form leaves that rotted in an untimely warm week, but I rescued them and ultimately new leaves developed. But they did not bloom very well.

Iris gracilipes is very like the filament of a dream—so small, but stems and leaves and flowers in perfect proportion. The crested mauve flowers are about an inch and a half across. This Iris likes half-shade, light, rich, moist soil and no lime. Moving must be carefully done when the plant is in active growth and forming new roots in spring and early summer. After many searchings, a kind friend sent me one; and when it bloomed a seed pod developed which, I fear, was very wrong for it has never bloomed since, and neither did the seeds germinate—a proper punishment for my covetous desires.

Iris cristata is our native Crested Iris which grows willingly in so many situations that it can be considered a first-rate garden plant. The wonder is that so few gardens have it, for it is even a good edging plant for borders. In a few seasons the plants spread into wide mats crowded at blooming time with the flat flowers. It is rare enough in Ohio to provide a real thrill when a patch is found. The soft lavender flowers, very sweet if you catch them just as they open, are raised on a perianth tube about six inches above the ground. They do not like to be jostled by stronger growing plants, but I also discovered that Narcissus foliage could not pierce an old matted clump of the rhizomes. Surely any difficulty anyone might have getting it established would be due to letting the roots become dry, for I've shifted this Iris about the garden at all seasons and it never seemed to know that anything had happened.

Iris lacustris is a diminutive form of *Iris cristata* growing in the northern region of the Great Lakes. Perhaps because my *I. cristata* is a robust form, *I. lacustris* seems so very, very small—the flowers only two inches above the soil. The thoughtful gardener who sent me the plants from northern Michigan also sent some of the soil—the queerest black fibrous stuff with small stones that looked like marble chips. It grows in half-shaded, well-drained humus and probably would make an appeal only to a collector.

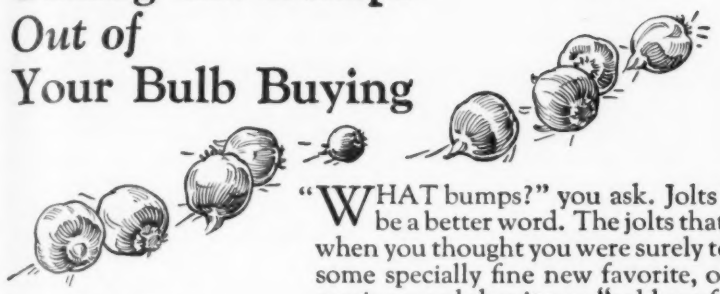
Iris verna is another native found in pine woods of the lower middle Atlantic States and the South. What it absolutely must have is a very acid soil; and not long ago I read that the rhizome needs to be buried about an inch deep in rotted pine needles—I hope the dose I gave my plants will prove the truth of this statement! *I. verna* grows five inches tall, has evergreen foliage, and the lilac-blue flowers, shaped very like a bearded Iris, are said to be fragrant—surely they are worth a little extra fussing.

A SPURIA TYPE

Iris graminea, named for its grassy foliage about fifteen inches high, is a member of the Spuria sub-section—neither bearded nor crested. The flowers are a beautifully clear and distinct color, about the shade of mulberry juice, and they are delightfully fragrant, regardless of whether one's nose proclaims the scent greengage or apricot! This is one of the few Iris that ripened nice fat seeds the first flowering time in my garden—perhaps it likes the diet of sand and humus in a sunny place prepared for *I. arenaria;* and *arenaria* not arriving, *graminea* got the place. The

(*Continued on page* 178)

Taking the Bumps *Out of* Your Bulb Buying



"WHAT bumps?" you ask. Jolts might be a better word. The jolts that came when you thought you were surely to have some specially fine new favorite, only to receive word that it was "sold out for this year".

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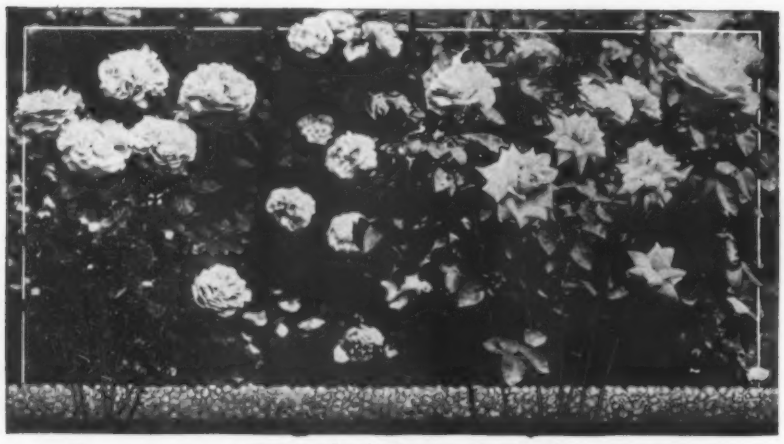

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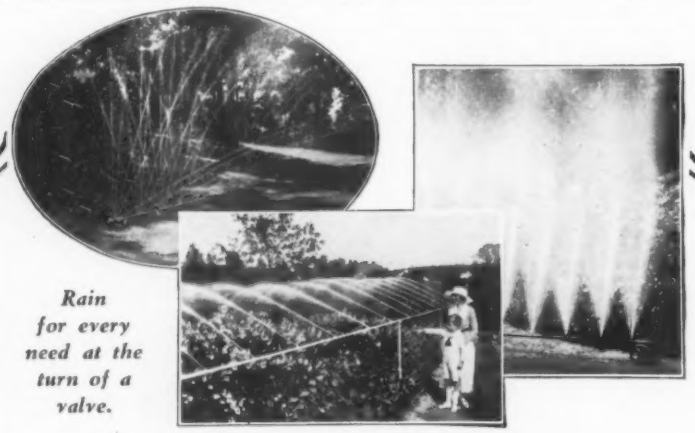

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SKINNER SYSTEM Pioneer & Leader

PLANTS FROM CUTTINGS

(*Continued from page* 164)

evergreens like Euonymus root readily from cuttings of this type. As such cuttings may easily be handled out-of-doors without artificial heat, in summer or early autumn, they offer special opportunities to the amateur.

Hard-wood dormant cuttings of a great many of the ornamental shrubs are usually made six to ten inches long, though shorter cuttings will grow as well. California and other Privets, Weigelia, Forsythia and some other flowering shrubs, climbing Roses, Willows, Poplars, etc., may be grown readily from cuttings of this type. These may be made in late fall or winter, tied together in a cold cellar or they may be set on end, on soil, in a coldframe. In spring they may be set out in the garden, planting them firmly to the depth of about one-third of their length.

Following the preparation of the cuttings—or perhaps better, preceding it—should come the provision of a place in which to root them. The rooting medium may be placed in flats, flower pots or bulb pans, which are more convenient, or in a coldframe or a temporary frame out-of-doors. Three to five inches of the rooting medium, according to the character of the cuttings and other conditions, is desirable. By using a frame or a box which can be covered with a window sash, or with large panes of glass, the chances of success will be greatly increased. In fact, the maintenance of a humid atmosphere by some such means is necessary for success with subjects which do not root readily. A four- or five-inch pot, sunk part way in the soil and covered with a wide-mouthed glass candy jar, makes a good arrangement for rooting a few cuttings. Cuttings placed near the sides of a pot root more readily than in its center. A simple method of providing uniform moisture control is to place a pot filled with peatmoss on top of a layer of peatmoss in the bottom of a bulb pan, the hole in which may be sealed with plaster of Paris, and surround the pot with more peatmoss. The peatmoss in the pot is kept saturated, and so keeps the rooting medium which surrounds it moist without the necessity of applying any water directly to the cuttings.

Many cuttings are lost through a damping off disease similar to that which attacks seedling plants. This may be controlled to a large extent by spraying the soil with a trade-marked preparation advertised for such purposes before inserting the cuttings, and spraying or dusting the cuttings themselves if stem rot or mildew appears. Where cuttings are covered with glass, some ventilation should be allowed. When water begins to collect or condense too freely on the covers, provide the cuttings with a little air.

The cuttings are usually placed in the rooting medium in rows two or three inches apart, as close as they will conveniently go. They should be put in firmly and given one thorough watering, after which no more should be applied to the soil until it begins to get fairly dry. Wilting of the foliage must be prevented by spraying as already stated. The cuttings should be shaded from direct sunlight for about a week or two.

Some soft-wood cuttings will start roots within two weeks or so; others will require two months or even longer. They will be ready for transplanting to small sized pots when the new roots are half an inch or so in length. With most cuttings, nothing is to be gained by letting them remain longer in the rooting medium.

The root development in the small pot will be rapid. The plants should be examined from time to time and transferred to larger pots as soon as the new roots have begun to form a mat around the inside of the pot.

ON HAVING A RESTFUL GARDEN

(*Continued from page* 176)

rhizomes were well covered with soil. This plant is a provident being, getting ready for next year with plump "eyes" underground in the early fall like Peonies and Christmas Roses, but most unusual among Iris.

With Maidenhair or some other delicate Fern for a later ground cover, there should be an underplanting of Snowdrops and Scillas among some of the shrubs; and in this woodsy soil they will seed and spread into close colonies.

Spring begins in our northern gardens with the first Snowdrop. *Narcissus cyclamineus* soon follows, and from then to the end of November it is hard to keep one's notebook in step with the flowery procession. *Galanthus elwesi* can now be had from at least one importer, and is probably the largest Snowdrop we will see outside the pictures in English gardening books; for American gardeners are not overly given to collecting and so new forms seldom appear in our catalogs. February and March sleet is hard on *G. elwesi* foliage, but its very large Snowdrops are fresh for weeks and bridge the time until the well known *Galanthus nivalis* is making its annual display with *Hyacinthus azureus*.

Years after the shrubbery is planted and growing to adult size, the long border could be made for those plants that a gardener seems inevitably to accumulate. Its plants would depend upon one's tastes and whether the border chanced to be in sun or shade. If your garden is spacious, or if there is a reserve place to plant them, there will always be more flowers added from time to time as kind friends or catalogs or plant-hunting expeditions present them—every old gardener wishes for a new border where every flowery fancy would materialize.

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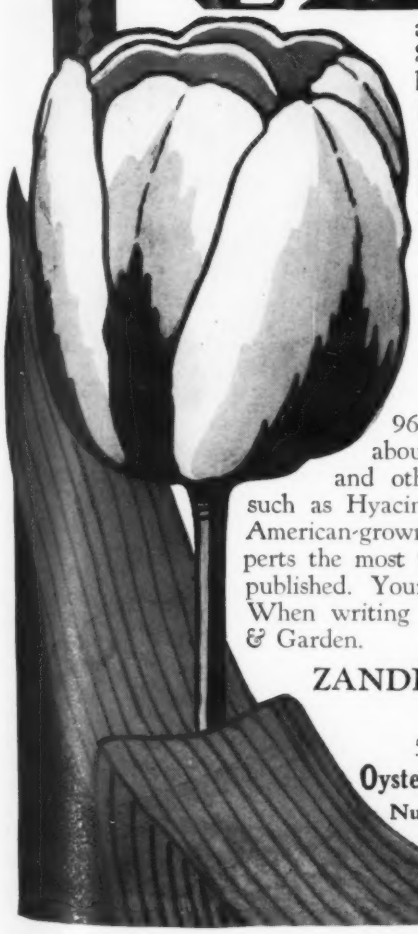

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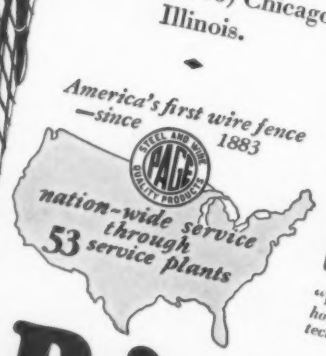

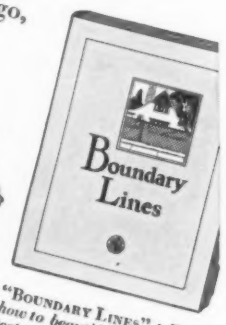

"BOUNDARY LINES" tells how to beautify and protect property. A request brings it

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COLORADO ALPINES AVAILABLE

(*Continued from page* 158)

many the best suited and hardiest of the Calochorti for growing in eastern gardens. It does remarkably well with me, and its delicately tinted light blue or white blossoms attract much attention. Found among rocks and loose stones on canyon slopes, the bulbs are usually about three inches below the surface.

Erigeron macranthus (Mountain Daisy). An Aster-like perennial of neat, bushy habit, only a foot high and bearing a great profusion of showy lilac or pink flowers with yellow centers, in late summer. Found on dry slopes, usually in partial shade.

Eriogonum flavum (Sulphur Plant). One of the most attractive of the 140 species of this branch of the Buckwheat family. In midsummer the stony slopes of the foothills fairly glisten with the soft yellow fluffy blossoms. *Flavum* is of dwarfer habit than most, four to eight inches tall, and its leaves and stems are pleasingly clothed with white wool. It is now being tested and promises to become in time a charming candidate for rock garden honors.

Lepachys columnaris pulcherrima (Painted Coneflower). The type, *L. columnaris*, is about two feet tall, with handsomely cut foliage and flowers with a cylinder-shaped brown disc and reflexed ray petals of a pure golden yellow. In this more attractive variety, *pulcherrima*, the ray petals are almost or entirely of a rich mahogany brown color; otherwise it resembles the type closely. It is easily grown from seed and the type has been in cultivation for many years under the name of *Obeliscaria*. It is a common plant of the canyon and the foothill slopes.

Leucocrinum montanum (Sand Lily). A lovely bulbous plant only a few inches high bearing sometimes as many as fifty pure white fragrant flowers in spring. Found in the valleys, in sandy soils.

Lupinus plattensis (Bicolor Lupine). A rare and strikingly beautiful species from the hills of southern Wyoming and northern Colorado, that is remarkable for the dark purple blotch on the standard of the otherwise lavender colored flower. Can be propagated either from seed or from root cuttings. Thrives in light sandy soil and probably prefers a dash of lime.

Mertensia lanceolata (Foothill Blue Bell). A choice rock plant, eight inches high, found on dry hills and in sandy fields. Flowers a delicate blue, in spring. Easily cultivated.

Oenothera caespitosa (Tufted Sundrop). An ideal plant for the sunny rock garden, preferring loose, sandy, slightly acid soil in an open situation. Flowers satiny, opening white but soon turning rose-pink. Common on dry, stony hillsides along the bases of the mountains.

Pentstemon humilis (Hillside Pentstemon). The only dwarf Pentstemon of the lower levels, and of great beauty. Its deep blue blossoms are carried in clusters of three to five on 4-inch stems. It grows on sunny, stony slopes and is a real find.

Phlox multiflora (Foothill Phlox). Noteworthy for its large, fragrant lavender or rose colored flowers in spring, on stems only two to four inches high. It is abundant on dryish rocky hillsides and responds well to ordinary culture.

Polemonium occidentale (Western Jacob's Ladder). A species very like the eastern *P. caeruleum*, but of a dwarfer habit. Flowers violet-blue, on twelve-inch stems, during a long season. Grows in moist humus and prefers half shade.

Yucca coloma (Miniature Yucca). This is the one and only Yucca that does not look out of place in the rock garden. Its modest rosettes of stiff, blue-green leaves and its slender white-flowered spikes give it unique beauty. As it is not a desert species, it does not object to moisture.

Gardeners who may contemplate seriously the growing of any of the Rocky Mountain plants mentioned in this and preceding articles, can get further information about them, if desired, by writing to Mr. D. M. Andrews, at Boulder, Colorado.

My own cultural experiments with the seeds and plants we collected corroborates what Mr. Andrews says in regard to their adaptability for eastern gardens, in most instances. I tried them out last year in my garden at Bronxville, and in another on Long Island, and while there were a few failures, most of them are flourishing to my entire satisfaction. And the failures, I am led to suspect, are due more to my blunders than to any fault of the material.

THE FAMILY OF ENKIANTHUS

(*Continued from page* 142)

and is, therefore, a greenhouse subject except in the warmer States. This is a sparsely branched bush with evergreen leaves. The young foliage is ruddy tinted and so, too, are the bud scales. The flowers, solitary or in pairs in the axils of the leaves, are pendulous, thick and waxy in texture and of a pleasing pink color. It opens its blossoms about the season of the Chinese New Year and on this account is highly esteemed by the Chinese. So much so, in fact, that it is now protected by law on the island of Hongkong. However, these Chinese species, beautiful as they are, have little interest to us. It is those of Japan that can be grown in the gardens of eastern North America and it is these I earnestly recommend to shrub lovers.

EDITOR'S NOTE—*As this article clearly proves, the Enkianthus family is a most estimable one and should be much more widely utilized in this country than is now the case. It is to be hoped that more species will be made available by the nurserymen of America, very few of whom now offer more than the campanulatus type.*

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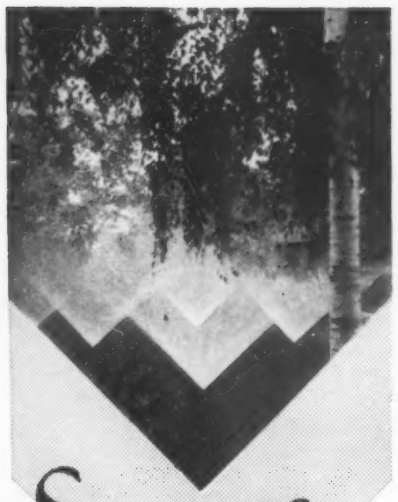

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HOW ROSES COME BY THEIR NAMES

(*Continued from page* 140)

Rose, Lyon Rose, Gloire de Dijon, Glory of Hurst. "Gruss" is the German for "Greetings from"; thus we have Gruss an Aachen, Gruss an Freundorf and Gruss an Teplitz, in honor of three German cities.

Friedrichsruh was the estate to which Prince Bismarck retired after his dismissal by Kaiser Wilhelm II.

Chateau de Clos Vougeot owes its name to the famous Burgundy vintage wine of the same name because of its unique ruby color, a distinctive character of that palatable French wine.

The great war produced its crop of Rose names: Cambrai, La Champagne, La Marne, Miss Edith Cavell, Maréchal Foch, Reims, Verdun (a magnificent red Polyantha not yet in America).

It is generally conceded abroad that a Rose named for a member of the hybridizer's direct family is a good one. It has generally proved so, even under the trying American conditions: Doris Dickson, Louise Cretté, Mme. Albert Barbier, Margaret McGredy, Mari Dot, Miss C. E. van Rossem, Mrs. Henry Morse, Mrs. G. A. van Rossem. —J. H. NICOLAS

HOUSE & GARDEN'S BOOKSHELF

THIS, THAT, AND THE OTHER THING. By Reginald T. Townsend. Garden City, N. Y.: Doubleday, Doran & Company.

IN twenty-four short essays reprinted from *Country Life*, Mr. Townsend, the Editor of that magazine, comments easily and with enjoyable humor and nice sentiment upon sundry and widely differing topics and thrills, including the spasm of fear that one's bid at an auction may *not* be successful—or worse, that it *may*. As an instance of the latter he cites his bid upon a cow which almost knocked the cow down to him and himself to the cow.

We have a description of a delectable isle of somewhere, the name and location of which the author keeps up his sleeve for fear it will be overrun by "hordes of swarming tourists," and forever spoiled. Perhaps it is sour grapes which makes us comfort ourselves by recalling the comment Frederick O'Brien (author of "White Shadows in the South Seas") made anent the Pacific islands: "The South Sea Islands are a state of Mind."

The thrills increase as one goes along with Mr. Townsend through spring, summer, autumn and winter, sun, shade and moonlight, Christmas days and birthdays, until we come to the best of all, the last chapter—"High Lights on Life's Canvas"—the Armistice celebration in Paris and the return of Albert the Great of Belgium to his Capital after the evacuation by the enemy.

The appearance of these essays in *Country Life* under the title: "The Editor Looks About," were so well received by readers of the magazine that the call for their preservation in a book became almost imperative. The illustrations by F. G. Cooper are bright and snappy. G. G. G.

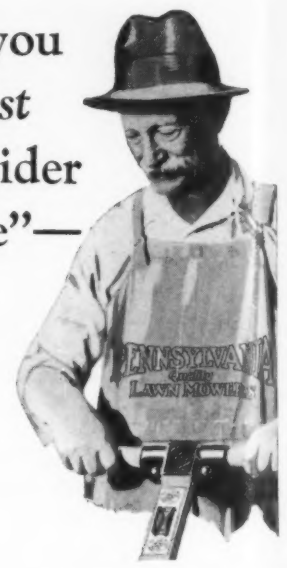
GARDEN CINDERELLAS. By Helen Morgenthau Fox. New York: The Macmillan Company.

THIS must certainly be regarded as a worth-while book since it is honored by a preface from the pen of Mr. Ernest H. Wilson—"Chinese Wilson"—of the Arnold Arboretum. In addition to having had his approval and help, the author has had the aid of several other notable authorities. She thoroughly proves herself worthy of such distinguished collaborators. It is a treatise that is very practical, in spite of its beginning with a prose epic of the flower that "though demanding in the border but very little room stands out like a forceful personality."

Its truly royal character is set forth in a scholarly tracing of its past. The supposedly fugitive character usually associated in thought with all of the multifarious kinds except the commoner "fool-proof" sorts is explained by a thorough-going analysis of its strange ways, all told very simply. And in very simple language is told how a number of the most desirable kinds, including the Regal, can be multiplied even through seed. As to the moot question, so complicated, of what Lilies like lime and what ones detest it, it is concluded that the best general rule is to keep the soil sweet, without using lime, by the use of leafmold, compost and only that manure that is well rotted. Bone meal feeds all kinds and hurts scarcely any. Of course, since Lilies may come from different habitats in various parts of the world and may vary greatly in adaptation, it is advisable, if not always imperative, to observe the varying depths for planting and other preferences, as for sun or shade, as well as for certain surroundings all of which are told about in the detailed treatment of each species. Some are best handled in pots and how to do that makes one of the most original and most valuable chapters. The subject of diseases and pests may serve as a Lily medicine book. One of its conclusions is that it is best not to rely upon imported stock, which is too often received in unhealthy condition and lacking power of resistance, and to grow one's own, in ways made clear by this volume. A well made index directs to the detailed treatment of each variety. The value of this in every way praiseworthy production is increased by an exhaustive bibliography by aid of which can be found all the books and magazine articles.

The volume contains forty-two illustrations, four of them in color, and of these four, two have the commendable feature of showing, along with the life-like pictures of the flowers, a nicely drawn representation of the appearance of the plant as a whole. F. B. M.

"If you *must* consider price"—



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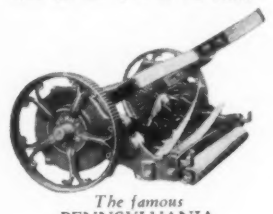

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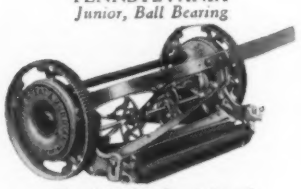

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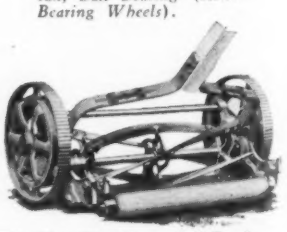

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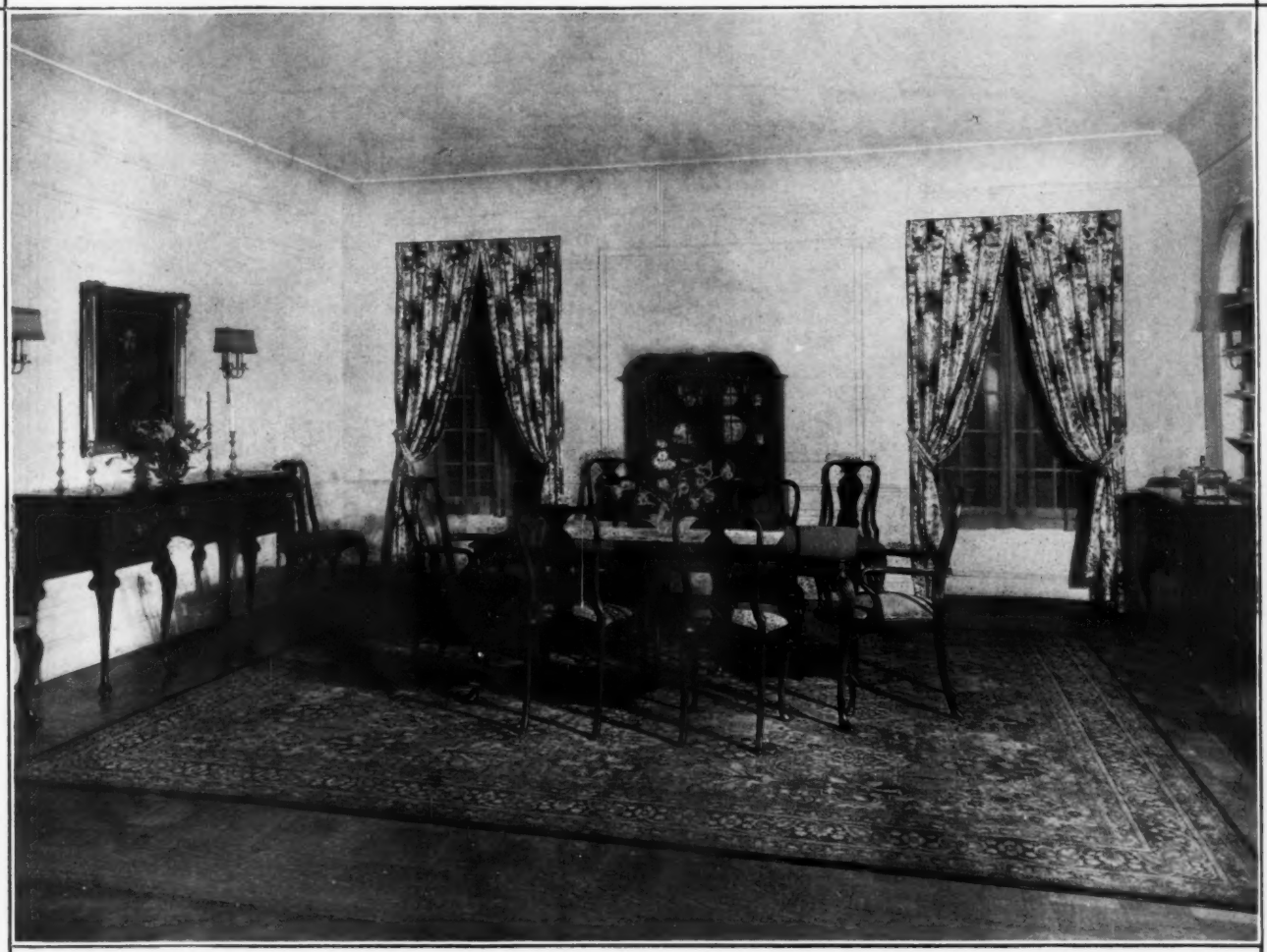

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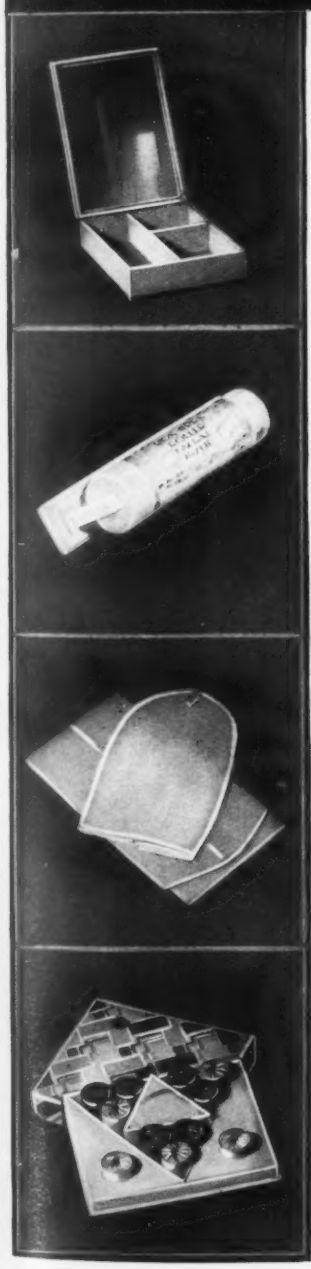


Hostesses and Week-End Guests

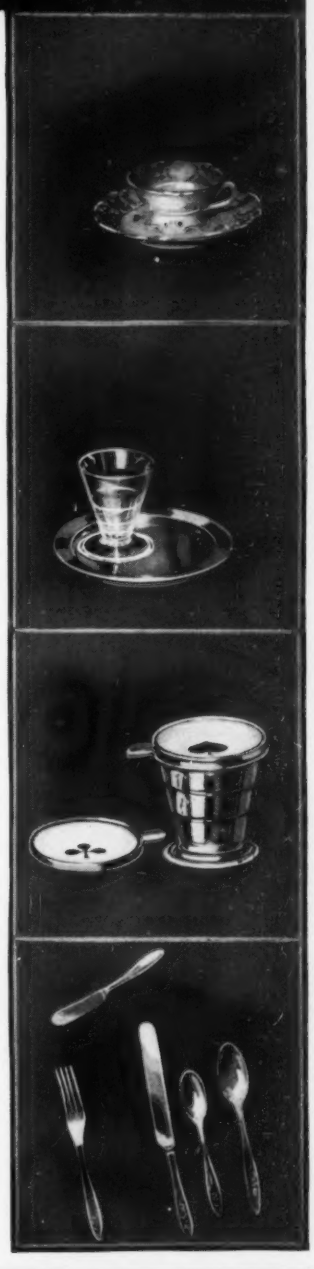
Alike will find Altman's an unfailing source of inspiration for those important or casual purchases that make extending and receiving hospitality a mutual pleasure.

Above—A rattan ensemble that inspires many meals in the open—with long settee, $630
Summer Furniture, Eighth Floor.

Left—Attractively decorated glass-lined make-up box, $2.50; garment and hat cover of transparent glazed cloth in pastel tints, $2—Needlecraft, Fourth Floor. Face tissue on handy wall roller, $1, re-fills in pastels, 50c; Colorful assorted bath salts, $1—Toiletries, First Floor.

Right — Dresden individual demi-tasse of exquisite delicacy, $6; Glass canape set with green and gold bands, each, $1.50—China, Fourth Floor. Ash trays in four colors and jar, $4.75—Bridge Shop, Fourth Floor. Individual breakfast set of Dirigold, $10.50—First Floor.

Our Hostess on the Fourth Floor is Always Ready to Assist you in Planning



A Bronze, "Descending Night, by Adolph Alexander Weinmann

The bracelet watch in which a beautiful diamond serves as the crystal. The brooch watch—a movable centre concealing the watch. The cover watch and platinum-mesh bracelet with jeweled ends.

The fine distinction of Caldwell watches is indicated by the high esteem in which they are held by those who appreciate the smart, the unusual.

J. E. CALDWELL & CO.

Philadelphia

Summer Rugs

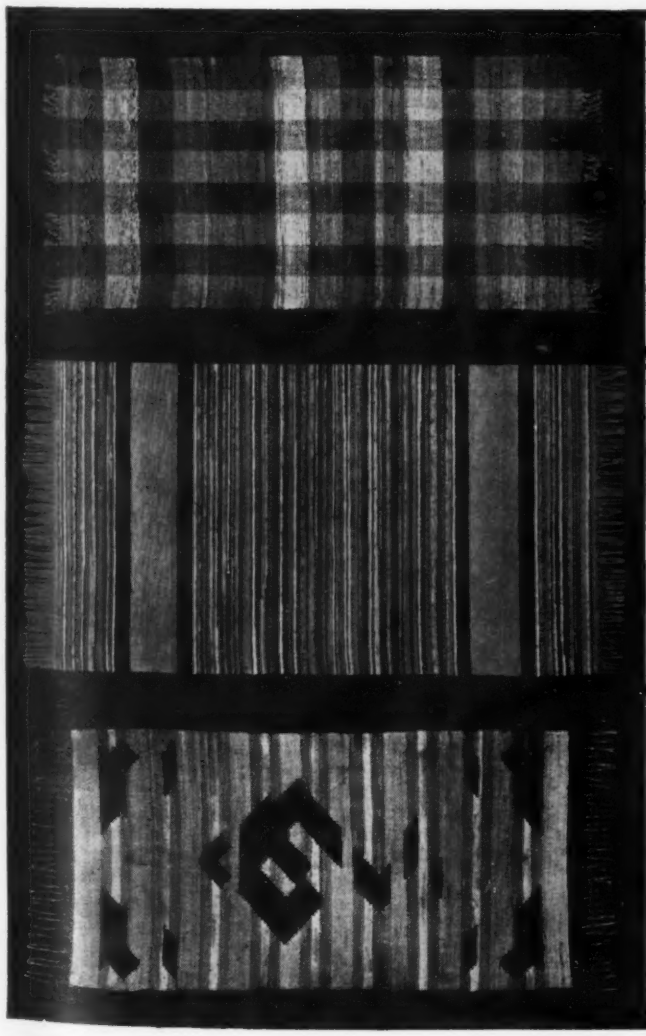
Evolved from RAGS

from GERMANY
CANADA
JAPAN

RAGS dyed to vivid colors, woven on hand looms into bright, cheery rugs for summer rooms,—Scatter rugs, large rugs, and carpeting by the yard. They wash beautifully, wear well and they look and feel under foot as cool as green leaves.

Also for sale at
Lasalle and Koch Co.,
Toledo, Ohio

Also for sale at
Davison, Paxon Co.,
Atlanta, Georgia



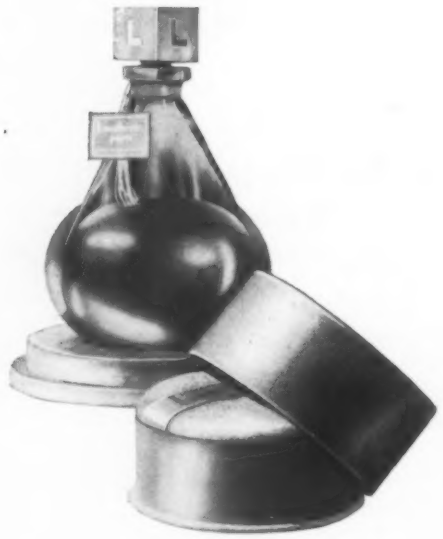
JAPANESE "Hakone" rugs are woven in two types of plaid—one a pattern of sharp, distinct contrast, quite modern in feeling—the other a soft blurry effect, in coloring rather like a native print. Particularly effective on stairs in summer homes. $1.98 a yard. 2 ft. x 3 ft. $1.49. 9 ft. x 12 ft. $19.89.

FOR many years French Canadian women have spent their spare time weaving carpets for their homes. And now we have persuaded some of them to weave for us. Our Mrs. Pierre sets up her loom and weaves rugs in her own colors and designs—yards of hit and miss plaids and stripes that express a real peasant art. $3.49 yd. 27 in. x 40 in. $4.96. App. 9 ft. x 12 ft., $69.50.

GERMANY'S foremost artists designed and colored these rather sophisticated rugs. But they were hand woven in Bavaria, so that coupled with this artistry there is a peasant feeling of vivid primitive gaiety. $3.96 a yard. 26 in. x 52 in. $5.44. 8 ft. x 11 ft. $59.75.

MACY'S

34th Street and Broadway, New York City



Monsieur Lenthéric — amid the gay, glittering pageant of the Second Empire, a man, distinguished—his name spoken reverently in the silken-draped boudoirs of all Europe—*Lenthéric,* Chevalier de la Legion d'Honneur, with whose creations royal ladies conquered hearts and kingdoms. Today, the house of *Lenthéric* is new in inspiration—old in wisdom—poignantly expressing the more delicate nuances of the modern personality, yet the secret of this success is old. Again *Lenthéric* casts the ancient spell, creating perfumes,—seductive, alluring—powders and lip rouges which charm the most fastidious. . . . . .

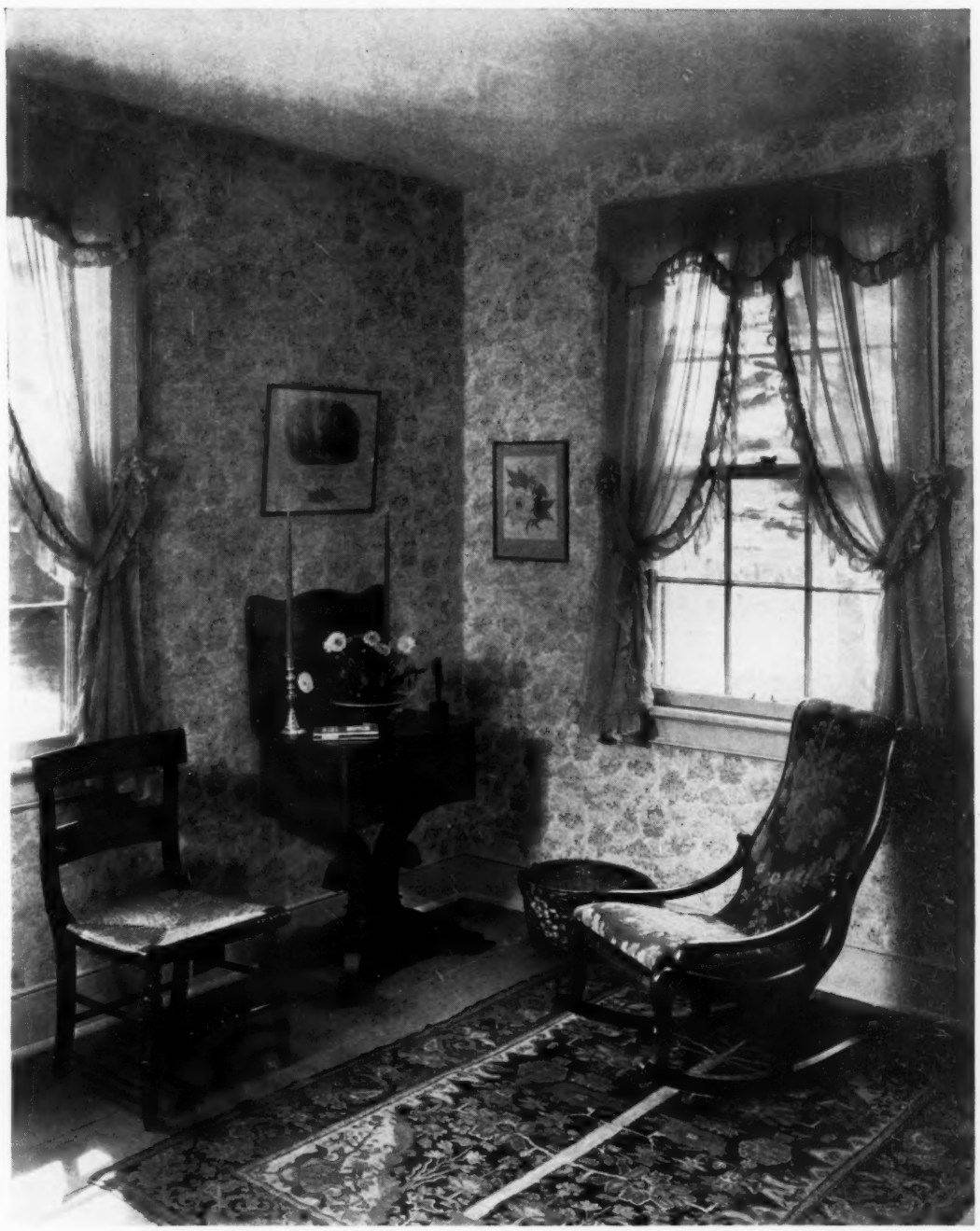
At 245 Rue Saint-Honoré, Paris, France
and the Lenthéric Salon at
Fifth Avenue and 58th Street, New York
Also at all Houses of Fashion

HOW AMERICA'S FOREMOST DECORATORS ARE USING CELANESE FABRICS

A COUNTRY HOUSE BEDROOM

By The New York Chintz Shop
Agnes Foster Wright, Inc.

In the south bedroom at "Emanon"—the charming home of Mrs. Ernest Greene, Jr., at New Canaan, Connecticut—double curtains of Celanese Voile in exquisite shades of rose over orchid are used at the windows. The New York Chintz Shop of Agnes Foster Wright selected the draperies of Celanese Voile to complement the Colonial setting.



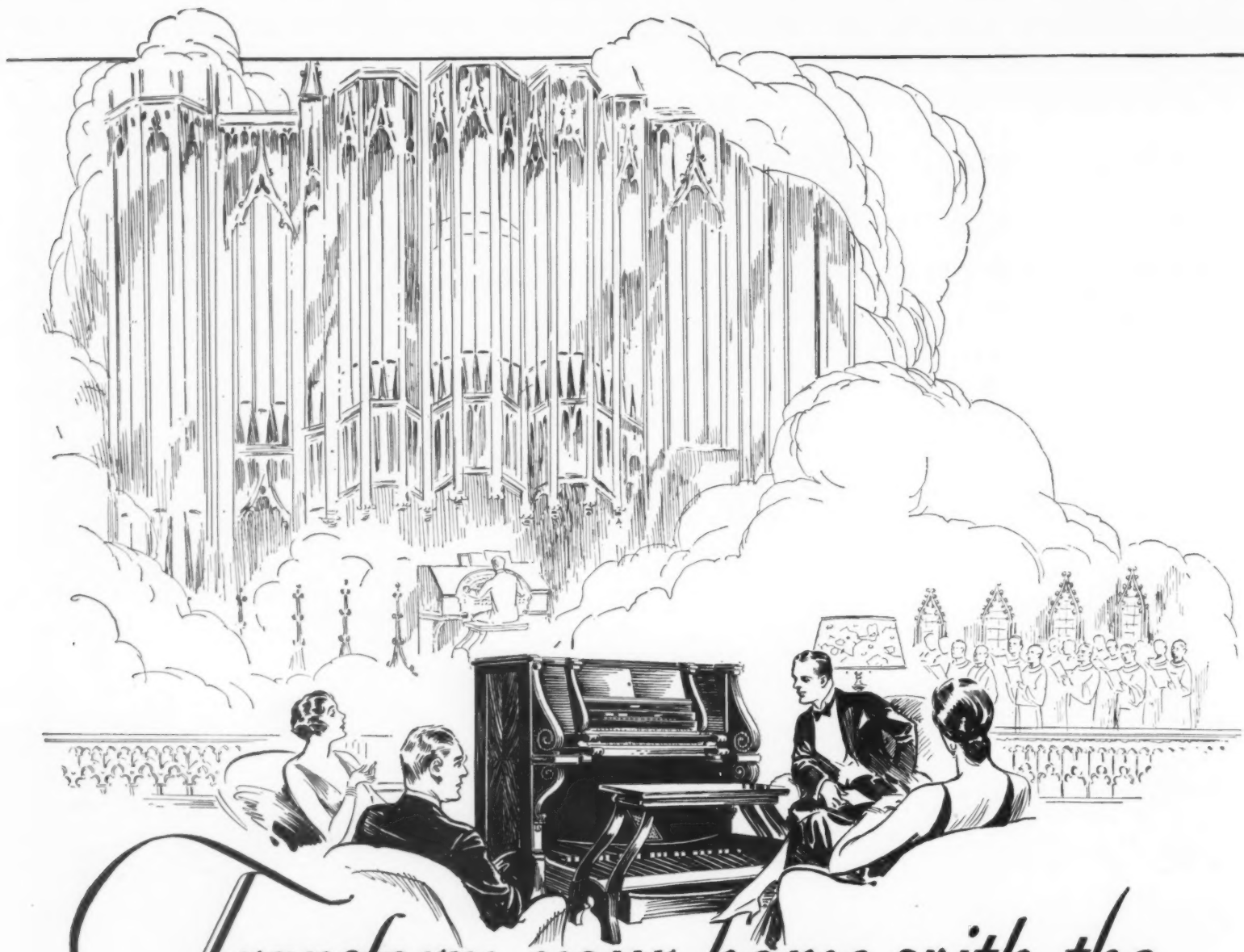
LEADING decorators throughout the country have long since discovered the excellence of Celanese Fabrics for town and country homes. They know how glorious are Celanese colors and how unusually fast they are. They realize how gracefully these fabrics drape—and that they do not curl, eliminating the need of weights. They have found how easily they may be cleaned, and that they neither shrink nor stretch. Moreover, Celanese Decorative Fabrics at interior decorators, and drapery departments of leading stores, are priced at much less than would be expected for such fine materials.

* * *

Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New York.

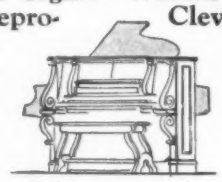
CELANESE

TRADE MARK REG. U. S. PAT. OFF.

PERMANENT MOIRES . . TAFFETAS . . SATINS . . VOILES . . NINONS

Transform your home with the SPLENDOR *of an* ORGAN

You sit at ease in your own home, with family and friends. You touch a button! Immediately, magically, the atmosphere is vibrant with the stirring strains of a magnificent opera, rendered with the inspiring tonal blendings of a pipe-organ. Again, a favorite ballad or popular air may be your choice. Whatever your selections, you thrill to the matchless playing of world-acclaimed organists, superbly reproduced on the Wurlitzer Residence Organ.

Requiring surprisingly small space and only a modest investment—played by hand as well as by reproducing music roll—the new Wurlitzer Residence Organ offers you and your family the supreme entertainment, the cultural and social advantages so inseparably associated with the ownership of a fine pipe-organ. This instrument can be installed in any home. Hear it, play it, at your nearest Wurlitzer Studio—Buffalo, Cleveland, Chicago, Cincinnati, Los Angeles, New York, Detroit.

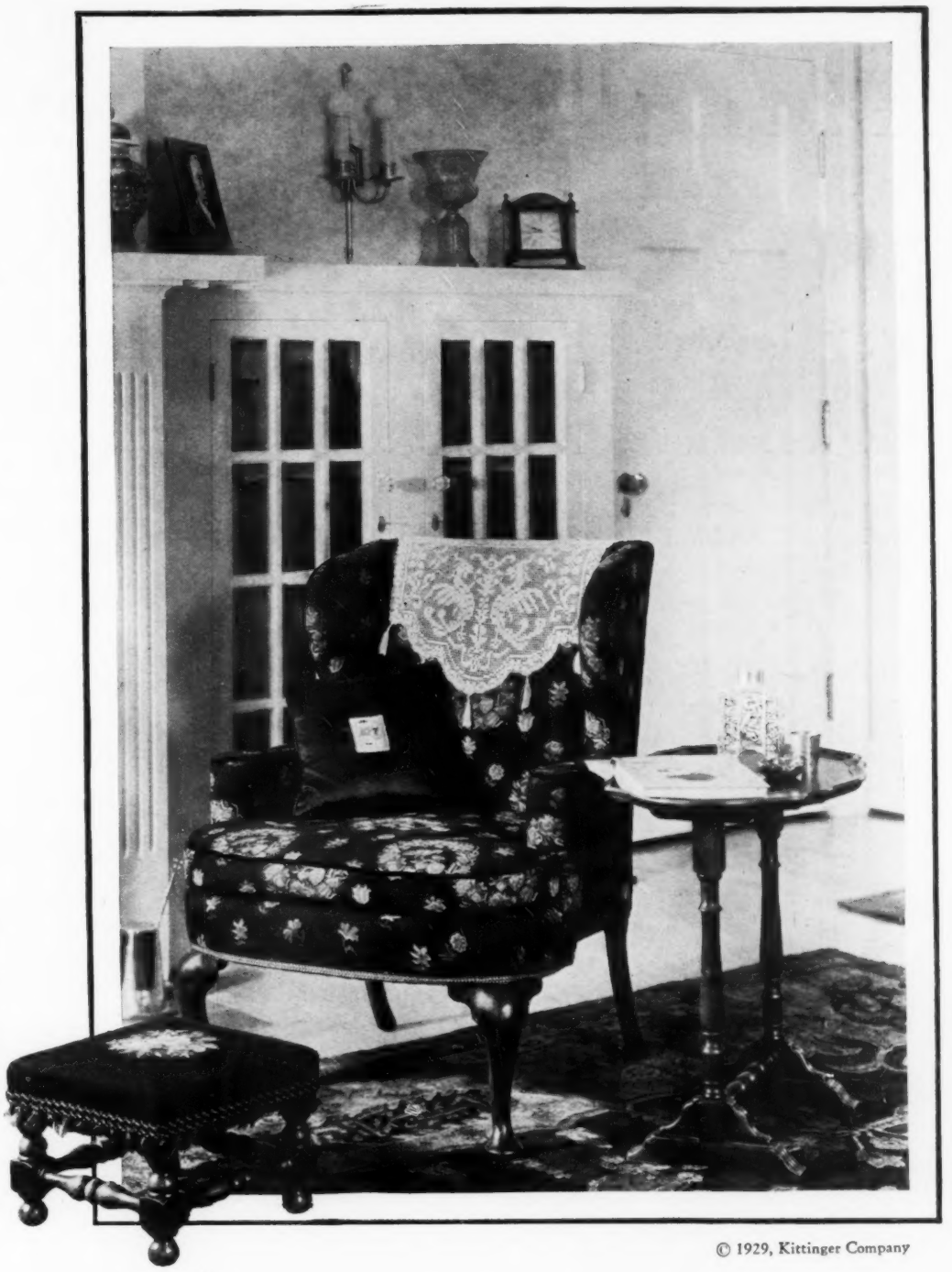


Requires little more space than a piano

WURLITZER
Reproducing Residence
ORGAN

© 1929 Wurlitzer

Furniture of Irresistible Charm and Appeal



© 1929, Kittinger Company

A CHAIR so beautiful . . . so friendly . . . so comfortable, merits special consideration for any room. With the companionable end table and convenient footstool it soon becomes irresistible.

With such furniture it is delightfully easy to create a homelike atmosphere . . . careful choosing is of vital importance for such furniture never need be replaced. Possession of Kittinger Furniture soon establishes the desire to own only furniture of beauty and lasting comfort . . . to be handed down with pride to the next generation.

There are over five hundred Kittinger period reproductions from which to select . . . and even with a limited budget you can add Kittinger Furniture from time to time with utmost satisfaction.

No inferior woods . . . no substitutes for upholstery fillings, are used in Kittinger Distinctive Furniture. Only the finest Cabinetwoods . . . American Walnut, Honduras Mahogany, Oak and Maple . . . only new and sterilized curled hair . . . soft, white and resilient down, enter into the construction of these worthy heirlooms of tomorrow.

Kittinger Distinctive Furniture is made for every room in the home, club, and executive office. Let us send you a collection of illustrations with the names of Kittinger dealers. Kittinger Company, Dept. 37, North Elmwood Avenue, Buffalo, N.Y.

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Kittinger DISTINCTIVE Furniture BUFFALO 1866

KITTINGER

Distinctive Furniture

Three Lovely and Distinguished

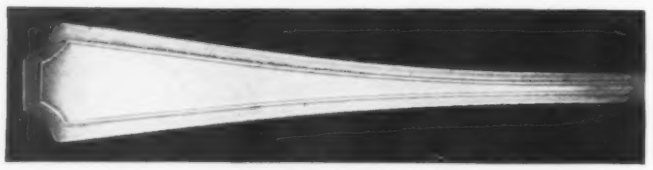
Mrs. Edward Cortlandt Parker *of Washington*

Mrs. Cornelius *de* Ronde Dosker *of Louisville*

Mrs. William H. Kingsley Jr. *of Philadelphia*

Chose these superbly beautiful designs in silver

Mrs. Edward Cortlandt Parker, of Washington, the former Miss Charlotte Riggs, in her exquisite wedding veil of rose point lace.



"I selected the Fairfax pattern," Mrs. Parker tells us, "because I admire its exquisite simplicity. What a magic touch this Gorham artist had to create such perfect things as are these Fairfax pieces!"

Mrs. Cornelius de Ronde Dosker, the former Miss Elizabeth Sanders, one of Louisville's loveliest brides.

Mrs. Dosker says, "The grace and rich finish of the Etruscan pattern are irresistible. I think it extremely smart, too! It takes a truly great artist to achieve such a combination."

In Washington, Mrs. Edward Cortlandt Parker, a bride lovely as a storied princess and by birth a member of one of Baltimore's oldest families . . .

In Louisville, demure, dark-eyed Mrs. Cornelius de Ronde Dosker, who has all the beauty and enchantment that the world would wish for a bride of her aristocratic Southern heritage . . .

In Philadelphia, charming and beautiful Mrs. William H. Kingsley Jr., whose brilliant marriage united two of that city's most distinguished families, the Montgomerys and the Kingsleys . . .

BRIDES *of a brilliant* SEASON

Mrs. William H. Kingsley Jr., whose recent marriage was one of Philadelphia's smartest occasions.

"I decided on this new Dolly Madison pattern of Gorham Sterling because I love the graceful sweep of its delicate lines," says Mrs. Kingsley.

North, South, East, and West, America's most prominent brides—her most entrancing, patrician brides—are choosing Gorham Sterling!

These brides, having in common that exquisite taste of women of inherited position and culture, all find in Gorham Sterling the most distinguished of all silver.

Each of these charming but distinctly different women selected for her own the pattern that most appealed to her individual taste, the pattern which perfectly expressed her particular personality. Mrs. Kingsley chose the suave, graceful Dolly Madison; Mrs. Parker the dignified but delicate Fairfax; Mrs. Dosker the Etruscan, mystic with age and tradition.

The Gorham designers are a group of rarely gifted artists-in-silver whose delicately precise hands bring into being all the subtle beauty of this most elegant of metals,—all its sweeping grace, its fluid loveliness!

That is why those of discriminating taste prefer Gorham Sterling to all others, recognizing upon each perfect piece the indefinable touch of genius.

So Small an Investment

The surprising thing to learn is how small an investment purchases this most beautifully designed of all silver.

Gorham Sterling can be purchased on convenient terms through the Sterling Silversmiths Guild Purchase Plan. Reliable jewelers will gladly explain. Many sets of flatware, with hollow ware to match, may be had at amazingly low cost.

Six teaspoons in the smart Etruscan pattern of Mrs. Dosker's choice are but $9.50. Six dessert knives, $21; six dessert forks, $20.

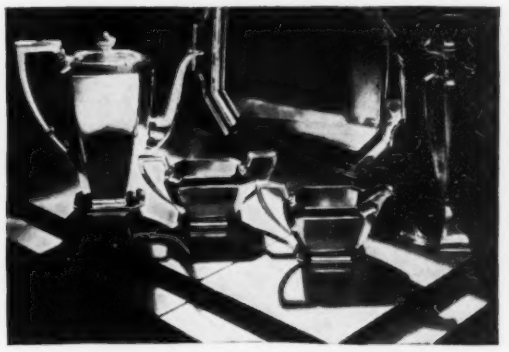
Six lovely Dolly Madison teaspoons cost only $9. Six dessert knives, $21.50; six dessert forks, $21.

In the Fairfax pattern, teaspoons for six cost only $12; six dessert knives, $20; six dessert forks, $21.50.

Your jeweler will be proud to show you the Dolly Madison, the Fairfax and Etruscan patterns as well as many other designs by the unparalleled Gorham artists. The Gorham Company, Providence, R. I. and New York City.

These beautiful Etruscan pieces suggest many uses. A bowl for fruit or flowers, with a handsome pierced flower holder, $65. A plateau, $45. A compote, $35.

Hollow ware in the new Dolly Madison pattern! A lovely water pitcher, $125. An entrée dish, $95. A small bowl, $45.

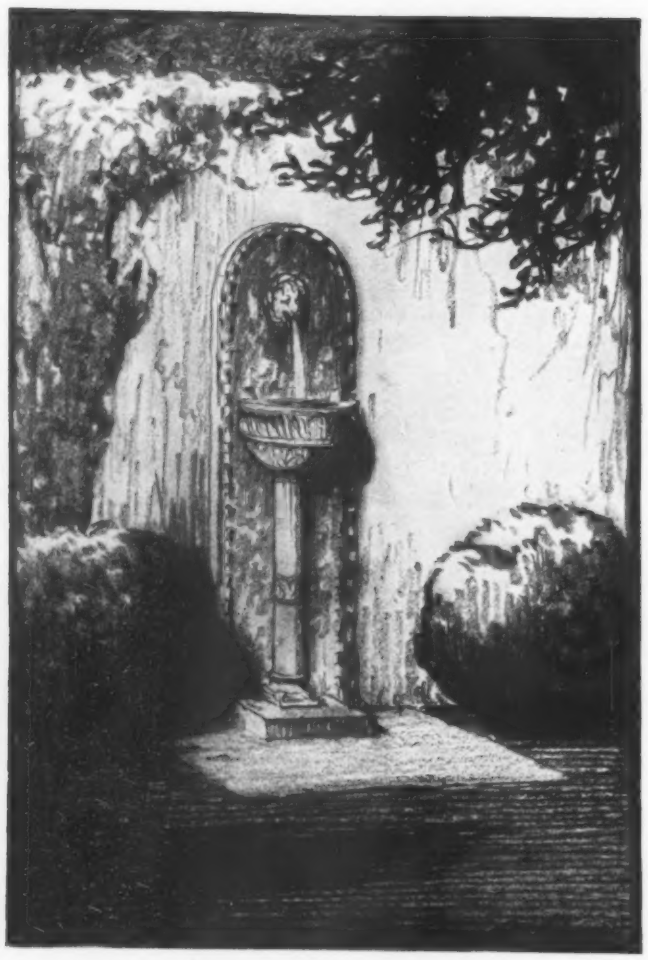


This handsome sterling coffee set in the Fairfax pattern, with tray, costs but $250. Fairfax candlesticks, $60 a pair.

GORHAM

AMERICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS

You are Master of Your Garden



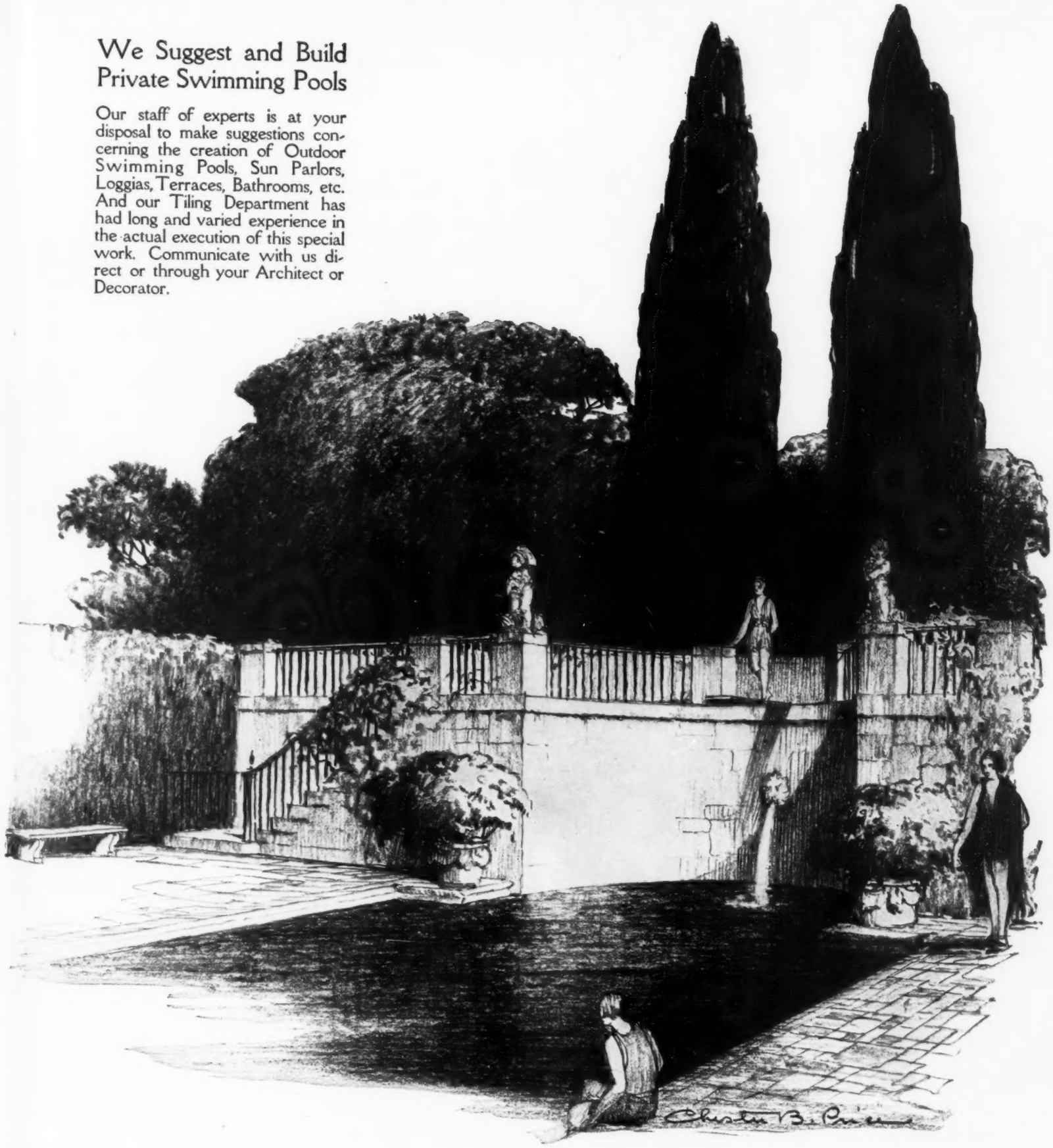
Area is not the controlling element in making a garden. Neither is the colorful beauty of things that grow which Mother Earth summons to her surface. It is how *you* arrange these bounties and complement them with beauty of human creation that determines garden charm and distinction. The House of Jackson places at your command these beautiful complements—hand-hewn marble and stone Garden Furniture imported from garden-loving Italy. Each piece chosen for its measure of artistic accomplishment—each destined to enrich and embellish the garden of some distinguished American home. Many of these offerings are genuine antiques, adding to their carved loveliness the vintage of sun-showered centuries. Seats, benches, urns, well heads, bird baths, fountains, sun dials and columns—you can see them all by visiting one of our showrooms. If you cannot call, write for booklet and photographs. Address us at New York, Dept. HG.

WM. H.

OVER A HUNDRED YEARS OF SERVICE TO THE

We Suggest and Build Private Swimming Pools

Our staff of experts is at your disposal to make suggestions concerning the creation of Outdoor Swimming Pools, Sun Parlors, Loggias, Terraces, Bathrooms, etc. And our Tiling Department has had long and varied experience in the actual execution of this special work. Communicate with us direct or through your Architect or Decorator.



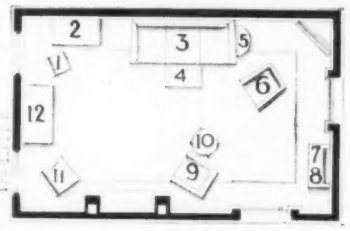
JACKSON COMPANY

2 West 47th Street, New York
318 North Michigan Avenue, Chicago

PROMINENT FAMILIES IN THE SOCIAL REGISTER

MARY FANTON ROBERTS, EDITOR

OF "ARTS AND DECORATION," UNDER WHOSE DIRECTION THE ROOM SHOWN HERE WAS ARRANGED



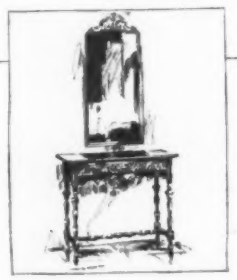
Arrangement of the room: (1) *Chippendale ladder-back chair.* (2) *Sheraton-Colonial secretary.* (3) *Georgian sofa.* (4) *Art Moderne coffee table.* (5) *Early American end table.* (6) *Georgian sofa chair.* (7) *and* (8) *William and Mary console and mirror.* (9) *Early American wing chair.* (10) *Jacobean occasional table.* (11) *Pendleton chair.* (12) *Duncan Phyfe living room table.*

For the June Bride this Charming Living Room Group

In a Room Setting by

ARTS AND DECORATION MAGAZINE

DISPLAYED DURING JUNE BY LEADING STORES EVERYWHERE



(7) *and* (8) *William and Mary console and mirror*

THERE can be no doubt of the style correctness and Charming design of this June Bride Group. "Arts and Decoration" Magazine, under the direction of Mary Fanton Roberts, editor, has placed the authentic stamp of its endorsement upon each piece; and to this recognized authority on home decoration goes the credit for arranging the inviting and harmonious room setting pictured here.

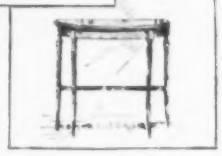
The June Bride Group may be purchased as a complete ensemble, or as individually selected pieces. On either plan, the surprisingly moderate prices will be found well within the reach of first year budgets.

There is a practical appeal, too, in the double usefulness of the pieces comprising the June Bride Group, which is really a living room and dining room ensemble combined. The Duncan Phyfe table is adapted to serve perfectly for those intimate, never-to-be-forgotten meals that follow the honeymoon; and the Chippendale ladder-back chairs fit admirably into the dining room scheme. In the commodious shelves and cupboards of the Sheraton-Colonial secretary there is ample space for chinaware, table linens, flat silver and other necessary accessories.

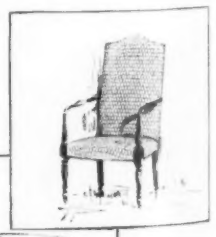
Leading furniture stores everywhere are featuring this June Bride Group in their June displays. Watch your local newspapers for your dealer's announcement of this special showing.

DETAILS OF THE ROOM—Plastered walls in delicate pastel gray-green and curtains of yellow theatrical gauze, with gold silk valance, serve to emphasize the rich, mellow beauty of the mahogany and walnut furniture. Woodwork and mantel are in old ivory. Sofa pillows are yellow and green to harmonize with the colorful fabrics of the upholstered pieces. This room arrangement is an excellent example of the charming effects that are possible through grouping individual pieces of various style periods. Here a Duncan Phyfe table, Chippendale chairs, and a William and Mary console combine with a coffee table in the Art Moderne to create a thoroughly pleasing ensemble.

(6) *Georgian sofa chair*



(5) *Early American end table*



(11) *Pendleton chair*

(10) *Jacobean occasional table*

GRAND RAPIDS UPHOLSTERING CO.

Living Room Division of the Berkey & Gay Furniture Company · Grand Rapids

NEW-YORK WHOLESALE SALESROOMS 115 WEST 40th STREET

DISCRIMINATING PEOPLE DEMAND PERFORMANCE—AND AMONG MOTOR CARS—*PERFORMANCE* MEANS *BUICK*

VALVE-IN-HEAD Buick MOTOR CARS

from an original photograph in natural colors

WHEN BETTER
AUTOMOBILES
ARE BUILT,
BUICK
WILL BUILD THEM

Of even the most colorless car can it be said, "It gets you there and back." But colorless cars find little favor among discriminating people. They want that extra margin of performance which gets you there zestfully and thrillingly . . . and brings you back with masterly ease. They find it in Buick to an unparalleled degree—which is why the words *Buick* and *performance* have become synonymous—why more people buy Buicks than any other fine car, by a margin of two to one.

Buick Motor Company, Flint, Michigan · Division of General Motors Corporation

Canadian Factory: McLaughlin-Buick, Oshawa, Ontario

Buy

Playroom

Grandma's room

Bedrooms

Bathroom

Livingroom

Each occupant of the home has a different idea of heating comfort. Satisfaction for all is attained by having a *Made-to-Measure* System installed by a National Heating Specialist. Prof. S. E. Dibble, Head of the Heating and Ventilating Department of Carnegie Institute of Technology, and past President of the American Society of Heating and Ventilating Engineers, computed the formulae and tables which scientifically establishes National *Made-to-Measure* Heating Systems as the new vogue in modern heating.

NATIONAL
Made-to-Measure
HEATING SYSTEMS

WARMTH *as you buy* FURNISHINGS . . *to meet the Natural Requirements of each room*

BORN of a discontent with yesterday's standards of heating comfort, National *Made-to-Measure* Heating Systems now establish the new vogue of warmth to fit each room.

You can buy warmth just as you buy furnishings—to fit the natural requirements of each room. Grandmother now can have those few additional degrees of temperature in her room; they will mean the difference between comfort and discomfort to her. The bed rooms now can be equipped so that cozy warmth is yours in a few minutes on frigid mornings. Likewise the living room, the play room, the bath—each can have the desired temperature best suited to the occupant's needs and thus forever ban the use of auxiliary heating appliances.

National *Made-to-Measure* Heating Systems comprise outstanding equipment: National Boilers, Aero Radiation, and accessories which enjoy unusual prestige, won through years of demonstrated dependability. Aero radiators pioneered the way to new heating efficiency and were first to supply beauty for every setting and utility for every heating purpose.

National Boilers perform efficiently with all leading types of fuel. Twelve distinctive designs supply a maximum range of capacities serving all heating needs of all types of buildings—from the largest to the smallest. Each boiler design is scientifically engineered and carefully manufactured to yield maximum efficiency in supplying economical combustion and complete, satisfactory, healthful, heating service.

National Bonded Boilers

Because the boiler is truly the heart of the heating system, National Boilers are backed by a financial surety bond, guaranteeing the delivery of rated performance and assuring the purchaser of complete satisfaction. The bond costs you nothing. It comes as a bonus with each National Boiler, bringing you a priceless feeling of confidence and security.

The National Protective Payment Plan

So radical is the advance in heating standards brought about by National *Made-to-Measure* Heating Systems, that they become not only the logical choice for all new homes but also the essential replacement unit in poorly heated homes. New or replacement, the purchase price need be no barrier to the immediate possession of a National *Made-to-Measure* Heating System, for the National Protective Payment Plan makes possible convenient instalment payments. It protects through a fire, disability, and death clause, which pays up the balance should misfortune befall.

Write for this Interesting Booklet

"Guardian of Your Health and Comfort," an attractive 12-page booklet, is crammed with information about this new and modern development in heating. Write for it—read it—then see the local National Heating Specialist in your vicinity. He will be glad to talk the matter over with you without obligation on your part.

NATIONAL RADIATOR CORPORATION

***Executive Offices:* 55 West 42nd Street, New York, N.Y.**

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Colorful Sidewalls Enhanced by Colorful Roofs

WEATHERBEST Stained Shingles, long an ideal covering for roofs—have also become a leading sidewall material, giving low first cost—lasting color beauty—little or no upkeep expense—better insulation from winter's cold and summer's heat.

The wide range of color combinations in WEATHERBEST Stained Shingles for roof and sidewalls together with the WEATHERBEST process of staining to give lasting color effects assures values not realized with ordinary material. There is seventeen years' experience behind the WEATHERBEST process and policy: *Not to Cheapen Materials or Process to Meet Price Competition.*

WEATHERBEST are made of only 100% straight grain red cedar shingles and will give a lifetime of service when applied with zinc-coated nails.

Send coupon for Color Chart and Portfolio of full-color photogravures showing WEATHERBEST Stained Shingles in different treatments as they actually appear on homes. Enclose 10c (stamps or coin) to cover postage and handling. To modernize a home growing old, send for booklet, "Making Old Houses Into Charming Homes."

Ask your lumber dealer for prices; many dealers carry standard colors in stock. WEATHERBEST STAINED SHINGLE Co., Inc., 842 Island St., North Tonawanda, N.Y. Western Plant—St. Paul, Minn. Distributing Warehouses in Leading Centers.

Above

Soft textured Gray WEATHERBEST Sidewalls with a WEATHERBEST Variegated Green Roof laid in staggered butt pattern. Home on DeWitt Road, Syracuse, N. Y. by H. B. Davenport.

Free Sketch Service

From kodak picture of the old home, this WEATHERBEST Sketch suggested changes in appearance by laying WEATHERBEST Stained Shingles over old sidewalls and roof. The lower picture shows work completed as suggested by sketch. Send picture of an old home and let us send Free Sketch showing changes—no obligation.

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842 Island St., North Tonawanda, N. Y.

Enclosed find 10c (stamps or coin) for postage and handling.

☐ Please send WEATHERBEST Color Chart and Portfolio of Photogravures showing WEATHERBEST Homes in full color, some with floor plans.

☐ Also enclose book on Modernizing and Reshingling Old Homes and explain Free Sketch Service.

☐ Send FREE, details of $3,000 Home Modernizing Contest and Enrollment Blank.

Name .....

Address .....

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Modern home buyers demand
the extra comforts and economies of Celotex

SENSIBLE people no longer submit to old-fashioned, heat-leaking construction. How foolish, they say, to put thousands of dollars into uncomfortable, fuel-wasting houses.

They know that Celotex both insulates and builds, stopping heat 3 times as effectively as wood, 8 times plasterboard, 12 times brick and 25 times concrete.

At little or no extra cost, it replaces wood as sheathing, making a stronger wall. Used also as plaster-base, it replaces lath of all kinds and makes finer, smoother plastered surfaces. And as an interior finish, Celotex offers new beauty in its attractive natural tan color and fibre texture.

When such a useful material also shuts out winter chill, dampness and summer heat, protects health and saves 25% or more on fuel bills, *why not demand Celotex insulation?*

The proof is that Celotex has been used in more than 250,000 homes as well as thousands of refrigerator cars and household refrigerators.

Celotex is a superior product—the only insulation made from the long, tough fibres of cane. It comes in big, strong boards, 4 feet wide, 7 to 12 feet long and 7-16 inch thick. These boards add structural strength to buildings. They withstand all kinds of weather—make houses more permanent.

Celotex Lath is 18 inches by 48 inches—7-16 inch thick—and is especially designed to reinforce against plaster cracks and eliminate lath marks.

These products are also used for insulating roofs in old houses; for lining basements, attics and garages; for making comfortable extra rooms out of waste spaces.

Ask your contractor, builder or architect for further information on Celotex—and send in the coupon below for our free booklet.

The Celotex Company, Chicago, Illinois. In Canada: Alexander Murray & Co., Ltd., Montreal. Sales distributors throughout the world. All reliable dealers can supply Celotex Building Board and Celotex Lath.

CELOTEX
BRAND
INSULATING CANE BOARD

When you buy a house, look for the Celotex sign. It is your assurance of greater home comfort.

The word CELOTEX (Reg. U. S. Pat. Off.) is the trademark of and indicates manufacture by The Celotex Company Chicago, Illinois

THE CELOTEX COMPANY H. & G.-6-29
919 North Michigan Avenue, Chicago, Ill.

Please send me free your illustrated booklet, "Year 'Round Comfort and Fuel Saving for Every Home."

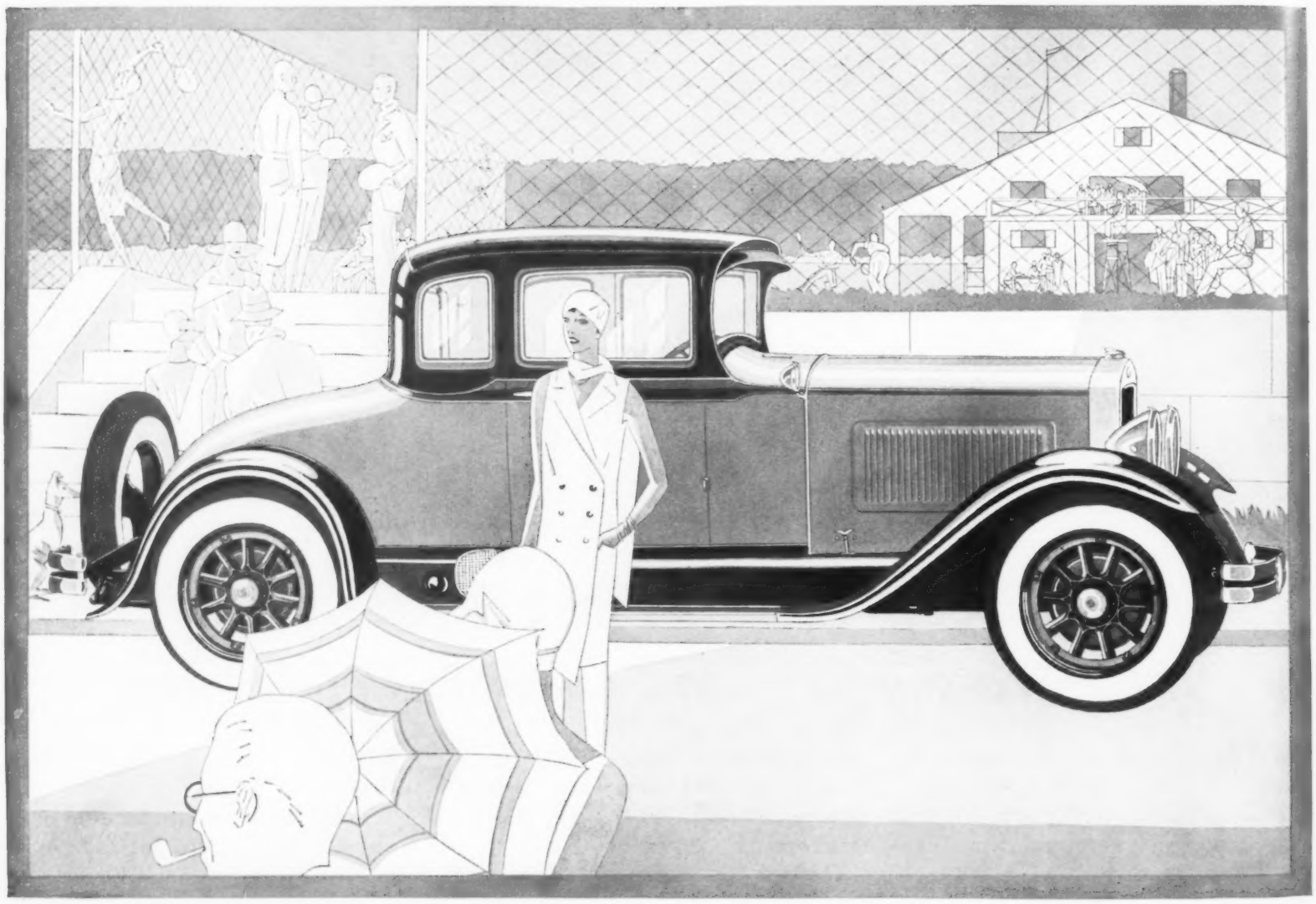
Name.....

Address.....

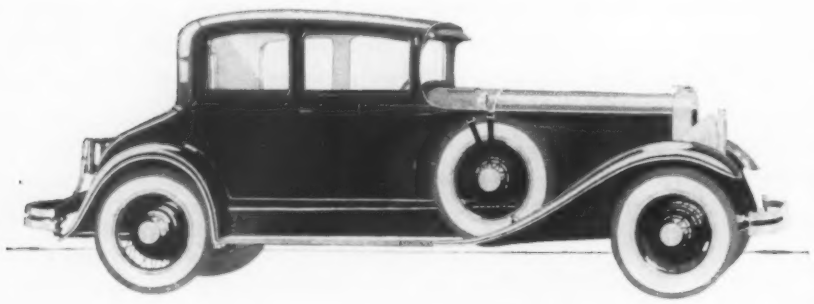
City..... *State*.....

BY THEIR STYLE YOU MAY KNOW THEM

. . . for artist and craftsman have truly interpreted the very spirit of Studebaker's champion motor cars



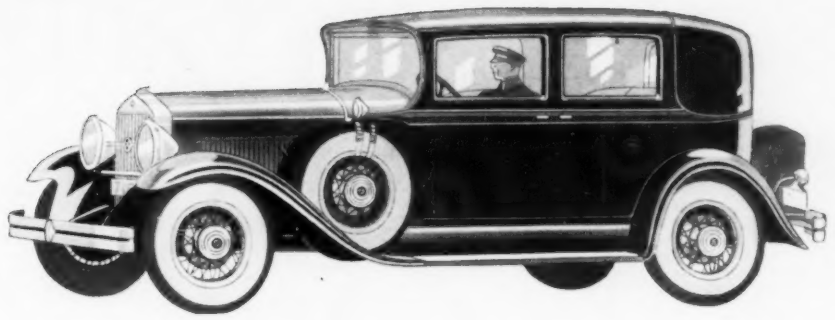
The Commander Coupe, available either as a straight eight or six, offers a choice of two body types—for four or for two passengers. The four-passenger model has a comfortable rumble seat, while the coupe for two affords generous luggage space in the rear. The Commander Six Coupe for Two is $1350, the Eight $1495. The Six-cylinder Coupe for Four is $1425 and the Eight $1550.



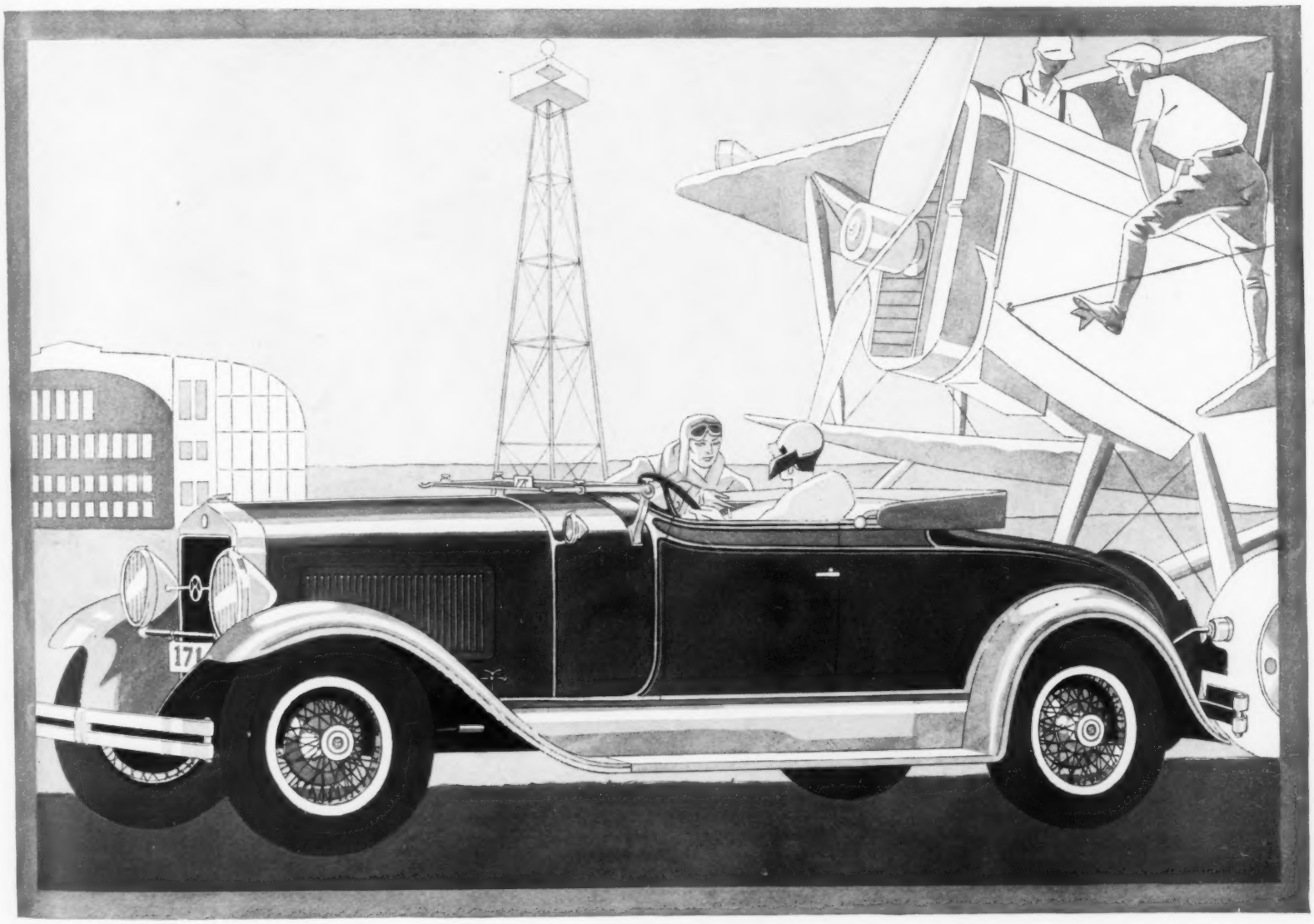
The President Eight State Victoria seats four in the utmost comfort. A very popular car for social or business use. Wide windows afford excellent vision. Six wire wheels and trunk rack are standard equipment. Priced at $1895. The Commander Eight Victoria is $1525, The Commander Six $1375.

LOOK for the sinewy grace that betokens fleetness and stamina . . . you will find it in motor cars by Studebaker, clothed in beauty befitting the holders of *every* official speed and endurance record for fully equipped stock cars. And the world has rewarded this championship performance and style with sales leadership among all the eights.

Look from the curb, from a passing car, from where you will—there is no view from which a glance does not reveal the low-swung beauty which sets these champion Studebakers apart from traffic.



The Commander Brougham. Companionable, roomy, beautifully appointed. Available as a straight eight or six. Upholstery is of broadcloth or mohair. Folding center arm rest in rear seat. Adjustable steering wheel, pedals and driver's seat. The Commander Straight Eight Brougham is $1675; the six $1525. Six wire wheels and trunk with three cases standard equipment.



Look from within, as you glide at ease. While your eyes rest upon perfect appointments, thank Studebaker engineering for riding comfort unknown until Studebaker introduced ball bearing spring shackles and added hydraulic shock absorbers.

Your every impression will be of a very costly car. Yet Studebaker's One-Profit manufacture results in prices which are surprisingly moderate.

The President Eight Roadster is a splendid interpretation of championship performance. Restful comfort for four—seating two in the spacious lounge seat and two in the commodious rumble. Built on the famous 115 horsepower world champion chassis. Ball bearing spring shackles and Houdaille hydraulic shock absorbers. Priced $1785, with five wire wheels.

All prices at the factory, bumpers and spare tires extra

STUDEBAKER

Builder of Champions

FOR *Firesafety*

The attractive home of J. A. Edwards, Birmingham, Alabama, is built of concrete masonry—slag tile units—and covered with portland cement stucco. George P. Turner, Architect.

A construction view of the same house, showing the concrete masonry walls before the stucco surface was applied.

PORTLAND CEMENT

CONCRETE FOR PERMANENCE

Beauty and Economy

. . . build your home of

Concrete Masonry

THE trend in home building is toward structures of permanent beauty and fire-safety, with economy both in first cost and maintenance.

Concrete masonry construction provides *all* of these important advantages in a high degree.

What is Concrete Masonry?

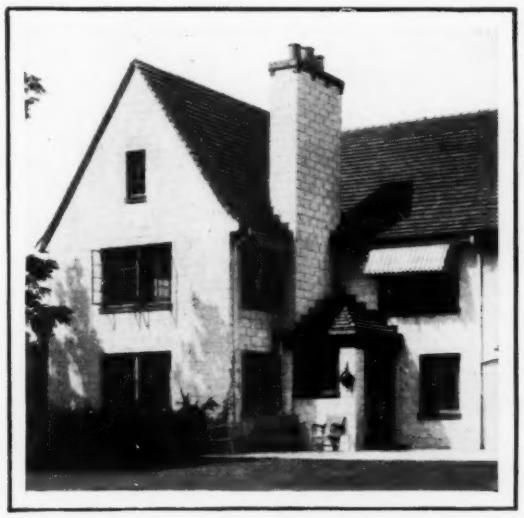
The term *concrete masonry* is applied to block, brick, or tile building units moulded from concrete, and laid by a mason in a wall. The concrete is made by mixing portland cement with water and other suitable materials, such as sand, pebbles, crushed stone, cinders, burned shale or slag.

These units are produced in so many sections of the country that they are available practically everywhere. Every reliable manufacturer is able to guarantee uniformity in the quality of his concrete masonry units.

Concrete masonry construction permits a very wide range of exterior finish. It is an ideal backing for portland cement stucco (white or colored), face brick and cast stone. It may be so built that it needs no surfacing material—the natural masonry, with the mortar joints visible, is pleasing and effective.

Resists Fire, Time, Weather

A home with exterior and partition walls of concrete masonry—and concrete floors—requires the minimum of care and upkeep expense. It withstands the attack of time, weather and fire.



With all of its advantages, the cost of concrete masonry is surprisingly moderate. It is equally suitable for a small bungalow or for the most pretentious town or country home. Informative, illustrated booklets will be sent upon request.

This fine house has exposed masonry walls built of concrete block made from sand and pebbles. Home of H. L. Wallace, Bloomfield Hills, Mich.; M. R. Burrows, Architect, Detroit.

ASSOCIATION Chicago

. . . AND FIRESAFETY

Charles Dana Gibson II Need never worry about the S

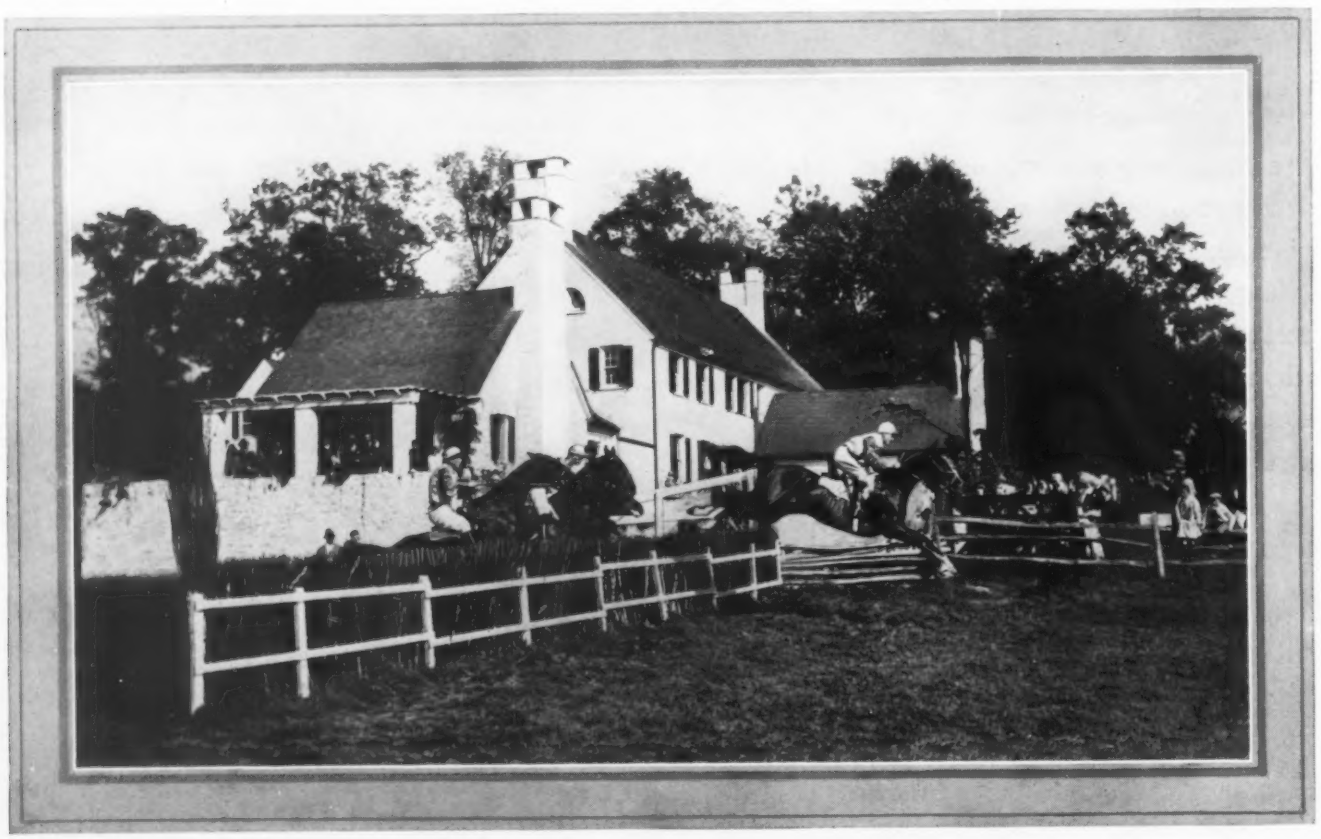
IN the house of Mr. and Mrs. Langhorne Gibson at Bedford, N. Y., probably the most influential inhabitant is the youngest member of the family—Charles Dana II. Although only 10 months old, there is evidence to the fact that he is well pleased with his home and birthplace. . . It is a sunny house, built on a gently sloping hill. Its style is early Colonial.

The plan and construction of the house testify to the foresight of owner and architect. All materials were selected for appearance and life-long service with minimum upkeep. For example, Anaconda Brass Pipe was used for all hot and cold water lines.

THE *house of Mr. Langhorne Gibson, Vice-president of Life Publishing Co., was designed by Peabody Wilson Brown, architect.*

The photograph shows the Ensign Sweepstakes Steeplechase — a bi-annual event which Mr. Gibson sponsors.

Mr. Langhorne Gibson says: "Rust troubles? I am sorry (or rather, I am glad) but I cannot tell you anything about them. Since we have lived here we haven't seen a single sign of rust. Our water comes out of the faucet with the freshness of a mountain brook —clear and sparkling. We have never had a clogged nor a leaking pipe. In fact—nothing has ever gone wrong with the plumbing nor have we ever been bothered by repair bills.". . .



ANACONDA COPPER

"THE Shadow of Rust" comes—certainly and inevitably to the house that is built with rustable metals. It makes trouble and costs money. You can free yourself—once and for all—from this Shadow by building with Anaconda Copper and Brass. They cannot rust.

the SHADOW of RUST

Protected on the outside, too!

THE exterior of Mr. Gibson's house has been as carefully protected from rust as the interior. The gutters, rain-pipes and roof flashings are made of Anaconda Copper. They cannot rust. They do not need to be repaired or replaced.

What happens in a house that isn't rust-proof?

THE chart on the right gives the answer. It shows, with facts taken from the actual experience of builders, home owners, and architects, what happens when the Shadow of Rust falls on the home.

Read this chart carefully, then clip it and keep it. When you buy, build, or remodel a home, the information will be of use to you.

Discuss the facts with your architect or plumbing contractor. The majority recommend Anaconda products which are fully guaranteed by the world's largest manufacturer of copper, brass and bronze. A single organization with more than a hundred years' experience is responsible for every process of mining and manufacturing. For your protection every length of Anaconda Brass Pipe is stamped "Anaconda" as is every Anaconda Copper Sheet.

"The Home Owner's Fact Book" . . . Send for it!

This new book by Roger Whitman, well-known building economist, is not restricted to rust-proofing, but deals with important facts concerning the planning, financing and maintenance of the home. It will be sent upon receipt of 25c . . . The interesting booklet, "Rust-Proofed", will be mailed free on request. Please address The American Brass Company, Department H-4, Waterbury, Conn.

A comparison, looking years ahead

"How can rust affect my house?" . . . To answer this important question the chart below has been prepared. It shows—fact for fact—what happens in a house where rustable materials have been used, compared with a house that is proof against rust. (*The figures quoted in the chart apply to the average $15,000 house. They have been gathered by thorough investigation.*)

Rustable Water Pipe	*Anaconda Brass Pipe*
Low initial cost.	Somewhat higher initial cost.
Iron or steel pipe rusts.	Brass pipe can't rust.
Water from rusty pipe is disagreeable for drinking; stains laundry.	Water from Brass pipe always flows clear, fresh, sparkling. No rust stains.
Rusty deposits clog up the pipe; reduce flow of water; slow up washing and bathing.	No rust-clogging. Pipe always clear. Water always at full pressure, upstairs and down.
Pipe leaks caused by rust may flood house or cellar. May damage ceiling, walls or furniture.	No leaks from rusting. No damages from flooding. No worry over hidden rust trouble!
Rust-clogged pipe has to be repaired or replaced.	No expense for rust-repairs or rust-replacements. Ever!
Higher eventual cost—due to repairs and replacements.	Substantial saving (about $400 during the first 14 years).
Rusted pipe is a disadvantage in selling the house.	Anaconda Brass Pipe gives the house higher resale value.
Rustable Gutters & Rainpipes	*Anaconda Copper Rainpipes*
Low initial cost.	Slightly higher initial cost.
Because they are constantly exposed to weather, they rust *quickly*.	Copper gutters, rainpipes and flashings can't rust—no matter how many years they are exposed.
Water seeping through rust-holes may cause damage to house.	No rust-holes; consequently no damage from seeping water.
Replacement necessary after five to eight years, or even sooner.	No rust-replacement ever necessary with copper.
Higher eventual cost—due to repairs and replacements.	Substantial saving (about $335 during the first 14 years).

R AND BRASS *Can't Rust*

The *Charm* of Beautiful Arches

PERHAPS at some time or other you have been in a home that particularly impressed you with its gracefulness . . . A home where beautiful, symmetrical arches framed the rooms with perfect balance . . . or where a staircase climbed between two slender pillars to be lost in an artful curve. You subtly admired the charm that was built into that home . . . but did you know how it was done? It was the magic of "corner bead".

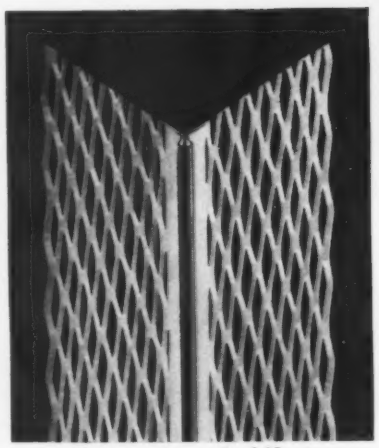
Milcor Expansion Corner Bead is an ingenious bit of modern engineering designed especially to assure that perfection of line and curve . . . Constructed with mathematical accuracy to correct any violation of symmetry . . . It is a "mechanical corner" drawn from metal, which, in the hands of the architect, becomes a vital factor in home construction.

The corner bead produced by *Milcor* is called "Expansion Corner Bead" to distinguish it from all other styles. It has patented wings of expanded metal that hold the plaster close to the corner and prevent the plaster from cracking or chipping from unavoidable abuse. It is well to bear in mind that this feature is largely responsible for the enduring beauty it creates.

Ask your architect to specify *Milcor* Expansion Corner Bead throughout your home. He appreciates the superior design of this modern building material . . . and he already knows that the name *Milcor* stands for quality.

MILWAUKEE CORRUGATING COMPANY
1429 Burnham Street
Milwaukee, Wis.

Interior of the home of
DR. CHARLES E. ALBRIGHT, Milwaukee, Wisconsin
Interior decoration by
WATSON & BOALER, Chicago, Illinois



Expansion Corner Bead No. 1

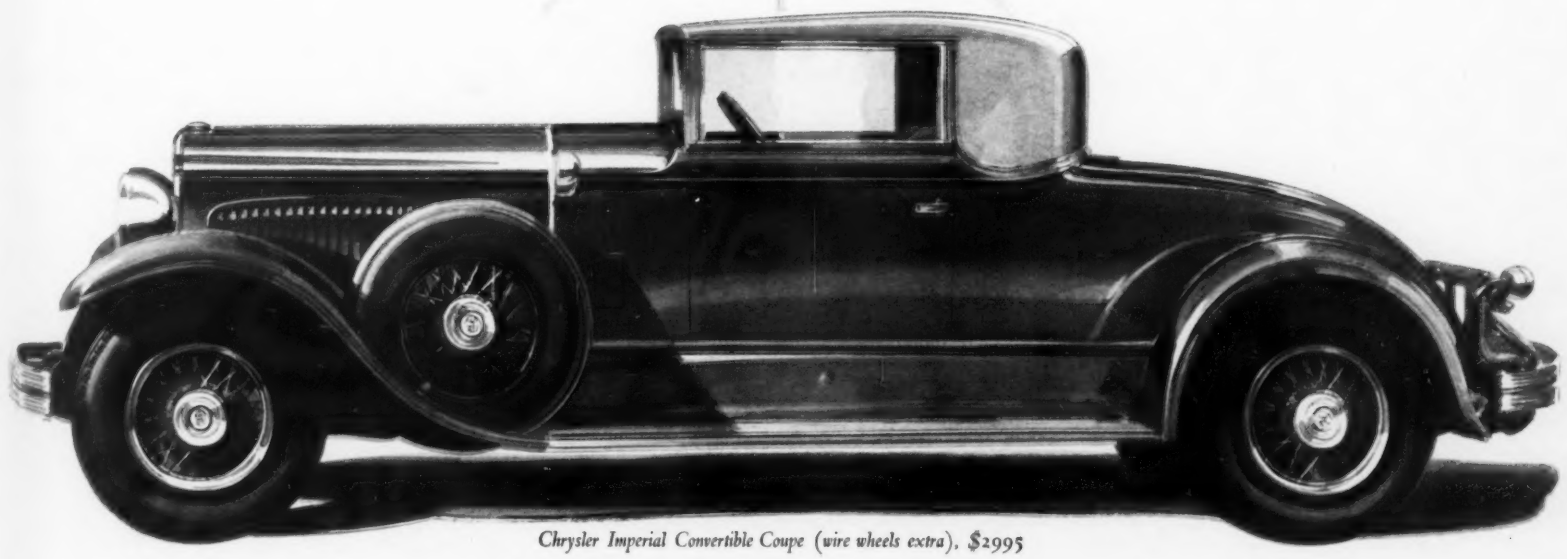
MILCOR PRODUCTS

Branches: Chicago, Ill., Kansas City, Mo., La Crosse, Wis.
Sales Offices: Boston, Mass., Detroit, Mich., Atlanta, Ga., Little Rock, Ark., Minneapolis, Minn.
Eastern Plant: THE ELLER MANUFACTURING CO., Canton, Ohio

CHRYSLER MOTORS PRODUCT

IMPERIAL

CHRYSLER



Chrysler Imperial Convertible Coupe (wire wheels extra), $2995

IMPERIAL

THE new Chrysler Imperial is a car intended essentially for the connoisseurs among motorists—that exclusive circle whose discrimination is satisfied with nothing short of the best in Chrysler power, smoothness, fineness and beauty. ¶ The distinguished characteristics of the Chrysler Imperial reveal the latest and utmost ingenuity of Chrysler styling, engineering and craftsmanship. ¶ Every motorist who appreciates a car of true custom quality will find in the new Imperial a type of beauty and behavior unlike and beyond anything heretofore known in the field of the very finest.

Roadster $2675; *Sedan (5-passenger),* $2975; *Town Sedan,* $2975; *Standard Coupe,* $2995; *Convertible Coupe,* $2995; *Phaeton (7-passenger),* $3095; *Sedan (7-passenger),* $3095; *Sedan-Limousine,* $3475; *Custom-built Phaeton (4-passenger),* $3855. *All prices f. o. b. factory*

It's color that counts and ARTLAC brings you True Decorator's Colors

Jonquil, Carnelian, Jasper, Chartreuse, Apricot—of course you expect these colors in the latest fabrics! But have you ever imagined that you could get such smart subtle shades in paint for interior decorating?

It was bound to come, of course. Artlac gives you modern decorators' colors because these colors have been selected by leading decorators themselves. And what a galaxy there is! 32 of the most fascinating shades you ever dreamed of. Tones that are distinctive, different—that blend together in the loveliest of color schemes.

But that is not all. Artlac not only gives you decorators' colors—it gives you a perfect finish too. Smooth, velvety—without brush marks, no matter how little experience you have had! It dries in four hours—quick enough for convenience but not so quickly that it hardens while you work.

Send coupon to anyone of the three addresses below for an Authoritative Handbook full of happy suggestions on interior decoration.

Dept. H-6

Please send me free, your Artlac color card and booklet "My Own Interior Decorator".

*Name*_____

*Address*_____

Manufactured and Distributed by

Wadsworth, Howland & Co., Inc — Boston: 141 Federal Street
Devoe & Raynolds Co., Inc — New York: 1 West 47th Street
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Pennsylvania "VARITONE" Slate Roof in offset dress, uniform width with joints open spaced slightly to add to its ruggedness. Pennsylvania Slate Institute specifications No. 11A². One of a series of sample roof types shown in "What You Need to Know About Slate".

The Only Hand Made Natural Roofing

THERE is one charm no machine can duplicate—hand craftsmanship.

The growing hunger of this machine-made age is for the individuality of hand made materials. You see it in the rage for antique furniture, for Oriental rugs, for hand hammered silver, but most of all in the Renaissance of slate roofing.

Pennsylvania Blue-Grey Slate

Distinctive but *Not Expensive*

Unlike most hand made products, a Pennsylvania Blue-Grey Slate roof is inexpensive for the most modest home; actually lower in cost than many roofings which give only half its years of weatherproof service.

Here's what Pennsylvania Blue-Grey Slate brings to your home—

1. The distinction of a hand made roofing.
2. A roof of natural rock that withstands the blistering summer sun, the driving fall storms and the freezing winter cold as no man-made material can.
3. Low first cost and practically *no* up-keep.
4. Sky-blend colorings, the strong cool blue-greys that blend with sky and landscape and contrast with the body of the building.
5. Guaranteed Quality Slate.

THE PENNSYLVANIA SLATE INSTITUTE has prepared a series of model roofs to suit any type of home, so simple any roofer can lay them. Write us the type of home you are planning and we will send photo and specifications for a harmonizing slate roof.

PENNSYLVANIA SLATE INSTITUTE, INC.

PEN ARGYL, PENNSYLVANIA

New York Office: 10 E. 43rd Street

Parsons Bros. Slate Co.
Pen Argyl, Penna.

Colonial Slate Co.
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Jackson-Bangor Slate Co.
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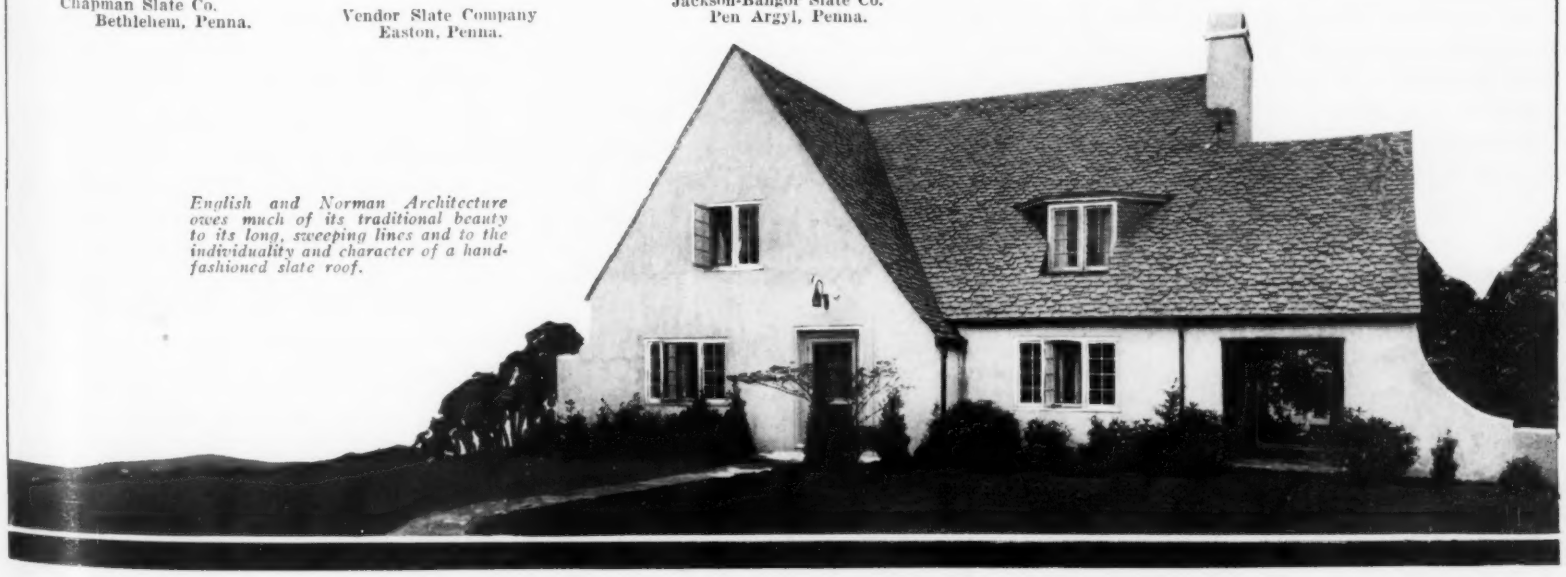
Booklet "What You Need to Know About Roofing Slate" on request.

English and Norman Architecture owes much of its traditional beauty to its long, sweeping lines and to the individuality and character of a hand-fashioned slate roof.



PYROFAX GAS SERVICE BRINGS REAL GAS TO COUNTRY KITCHENS

"The only fault I have to find with Pyrofax Gas *is that it is so good my wife wants to cook with it all the time*"

—Mr. T—, Massachusetts

"OTHERWISE it is wonderful," adds the gentleman who writes us the above comment on the Pyrofax Gas installation in his country home. When a woman has had to tolerate slow, odorous, troublesome fuels, she *is* apt to want to cook all the time when she has Pyrofax Gas Service and a genuine modern gas range in her kitchen.

Pyrofax is real gas, ready to serve every country and suburban home, in a genuine gas range. It is delivered in steel cylinders, is used exactly like city gas and it brings every modern cooking convenience to your own kitchen, no matter where you live. There are no delays, no adjustments, no inconveniences, no odors, no overheated kitchens where Pyrofax is used. Cool to use in summer. Odorless in winter. Never marks a pot or pan. It is not a liquid fuel. Not an imitation of gas. It is the real thing—real gas that cooks and bakes perfectly, without waits, or delays, or fuss, or bother.

And for use with Pyrofax there are some of the handsomest modern gas ranges you have ever seen—ranges enameled *in color,* or in spotless white, trimmed in nickel. Ranges that will make your friends envious, so fine-looking and so well equipped are they.

You can have Pyrofax, the faultless fuel, and one of these genuine gas ranges in your home right away with very little expense. A small initial payment—as little as $37.50—is sufficient for the installation. Pay the balance in easy instalments over a year if you like. Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced.

Let us send you some interesting literature on Pyrofax and the name of nearest dealer who will be glad to demonstrate this modern fuel for you.

CONVENIENT TERMS

A small down payment enables you to start cooking with gas at once. Spread the balance over a full year, if you like. Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced.

AS LITTLE AS **$37.50** *DOWN*

P Y R O F A X D I V I S I O N
CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide UCC *and Carbon Corporation*

Carbide and Carbon Building, 30 East 42nd Street, New York

BOSTON—1017 Old South Bldg.
CLEVELAND—Madison Ave. and W. 117th St.
CHICAGO—Peoples Gas Building
DETROIT—General Motors Bldg.
ST. LOUIS—4228 Forrest Park Boulevard
TORONTO, CANADA—92 Adelaide Street West
SAN FRANCISCO—114 Sansome St.
MINNEAPOLIS—422 Washington Avenue North

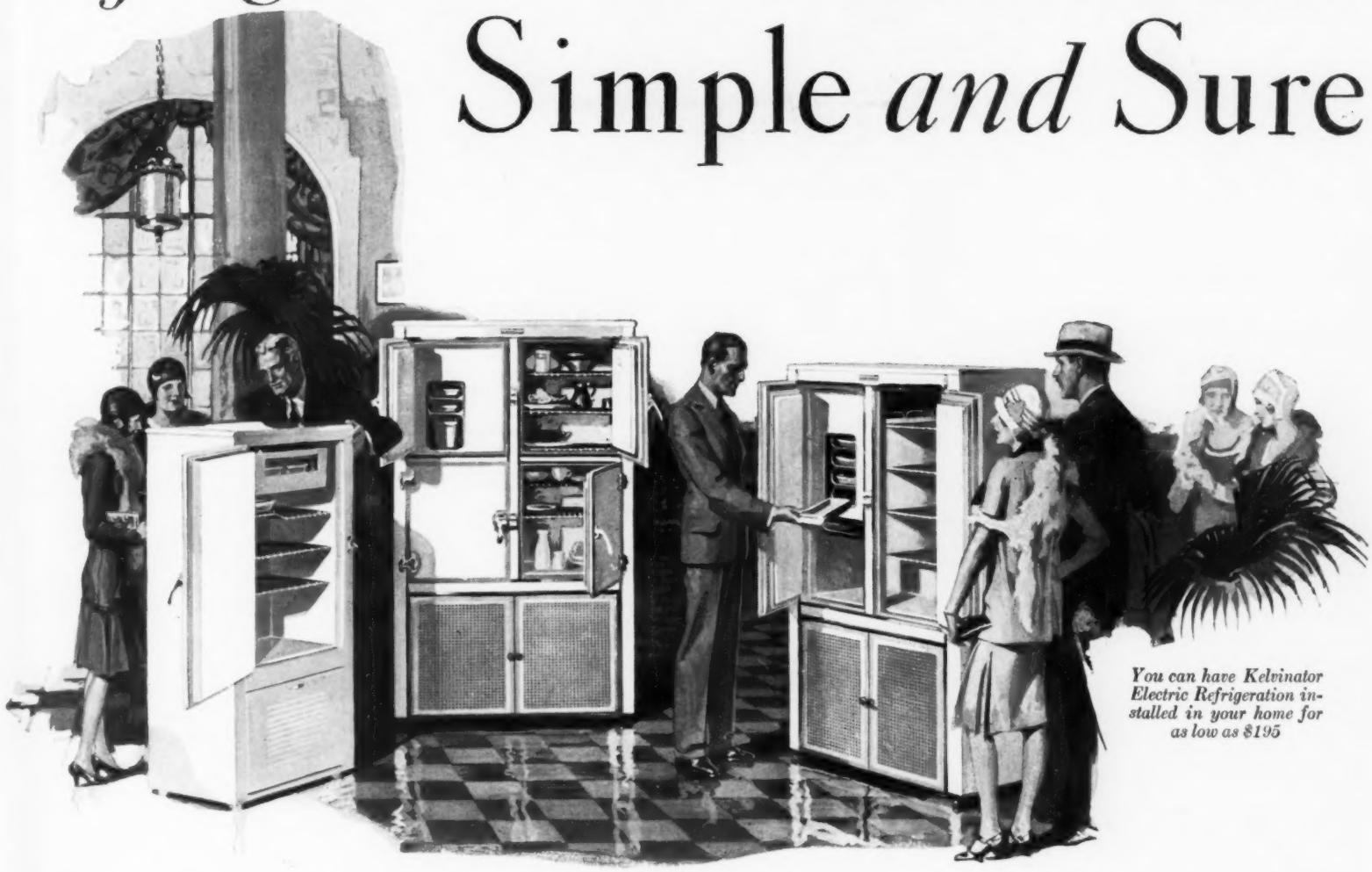
PYROFAX DIVISION HG-6-29
CARBIDE AND CARBON CHEMICALS CORPORATION
(Please address office nearest you)

Please send me some of your interesting literature on Pyrofax and the name of the nearest dealer.

Name_____

Address_____

Your Choice of Electric Refrigeration is made both Simple *and* Sure



You can have Kelvinator Electric Refrigeration installed in your home for as low as $195

NOT for a moment need the mind of any householder be confused as to the most satisfactory electric refrigerator. The answer is: the new reliable Kelvinator.

Kelvinator, the pioneer of successful electric refrigeration, welcomes the obligation which that pioneering implies. The fact is that Kelvinator inventions, improvements, basic patents, and experience influence the whole trend of this great industry.

Upon the foundation of this leadership, Kelvinator has built. Nothing is left to chance in assuring proven reliability to every individual Kelvinator. For every one is a precision product, rigorously tested both for silence and for refrigerating efficiency in actual operation, before it can leave the factory.

It may seem a great deal to say that you cannot elsewhere equal Kelvinator's faithful performance. Yet Kelvinator's longer experience, its greater knowledge, its superior manufacturing methods and materials—all dedicated to the ideal of greater service—make good the promise.

It is precisely this state of affairs which makes your choice of electric refrigeration so simple and so sure—why thousands upon thousands are being added yearly to the greatest single group of satisfied users of electric refrigeration—the owners of the reliable Kelvinator.

Silent—Automatic—Reliable
The New 1929 Kelvinator

See the new 1929 Kelvinator before you decide. Kelvinator offers the widest choice of beautiful cabinets in the entire market. Its superiorities include the utter reliability which is peculiarly Kelvinator; new silence, operation and temperatures that are wholly automatic, eliminating attention or regulation. Ice cubes are frozen in flexible rubber trays, and are removed instantly. Enjoy Kelvinator benefits without waiting by buying at once on Kelvinator's attractive ReDisCo monthly budget plan.

KELVINATOR CORPORATION, DETROIT, MICHIGAN
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THE RELIABLE

KELVINATOR

Mantel, facing and hearth are of marble.

The Magic of Marble

LIKE a drop of exquisite perfume on the lovely evening gown, marble adds the real touch of distinction to any room in the house. A mantelpiece here, a table top there, a lamp base . . . marble treatment in the bathroom, a wainscoted kitchen, or sun parlor floor . . . and the home fairly glows with characteristic charm. This is the atmosphere of individuality.

But unlike rare perfume, marble is modest in cost, readily obtainable, and has an almost limitless range of colors . . . and marble is a lifetime product.

We have recently published a series of books giving valuable facts and interesting suggestions about the use of marble in various buildings, including home and garden treatments.

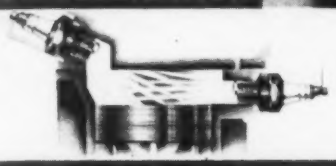
Write us, naming the type of marble work you are interested in and a copy of the book covering that subject will be sent you immediately—without charge, of course. Address Department 6-Q.

There is No Substitute for Marble

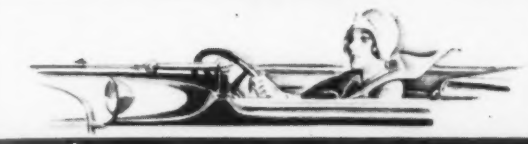
NATIONAL ASSOCIATION *of* MARBLE DEALERS

ROCKEFELLER BUILDING - CLEVELAND, OHIO

BIJUR LUBRICATION



TWIN-IGNITION MOTOR



WORLD'S EASIEST DRIVING CONTROL

ALL THESE FEATURES

ALL THIS EQUIPMENT

AT NO EXTRA COST

THE new features and equipment of the Nash "400" have added hundreds of dollars of actual, visible worth to this world-famous motor car.

They have added an incalculable measure of enjoyment to Nash ownership.

Yet they have added nothing to Nash price.

At no extra cost, you have the Twin Ignition motor, the year's outstanding motoring improvement (more power, more speed, less gasoline).

You have costly car interior finishes, Bijur Centralized Chassis Lubrication, Houdaille hydraulic shock absorbers, bumpers front and rear, even a spare tire lock, and not a dollar added to the price.

Equipment which other dealers (not Nash dealers) charge extra for, at retail prices, is included in every Nash "400" model, as it comes from the factory, at no extra cost.

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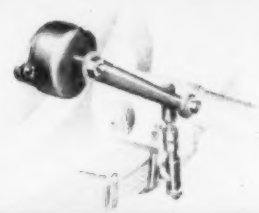

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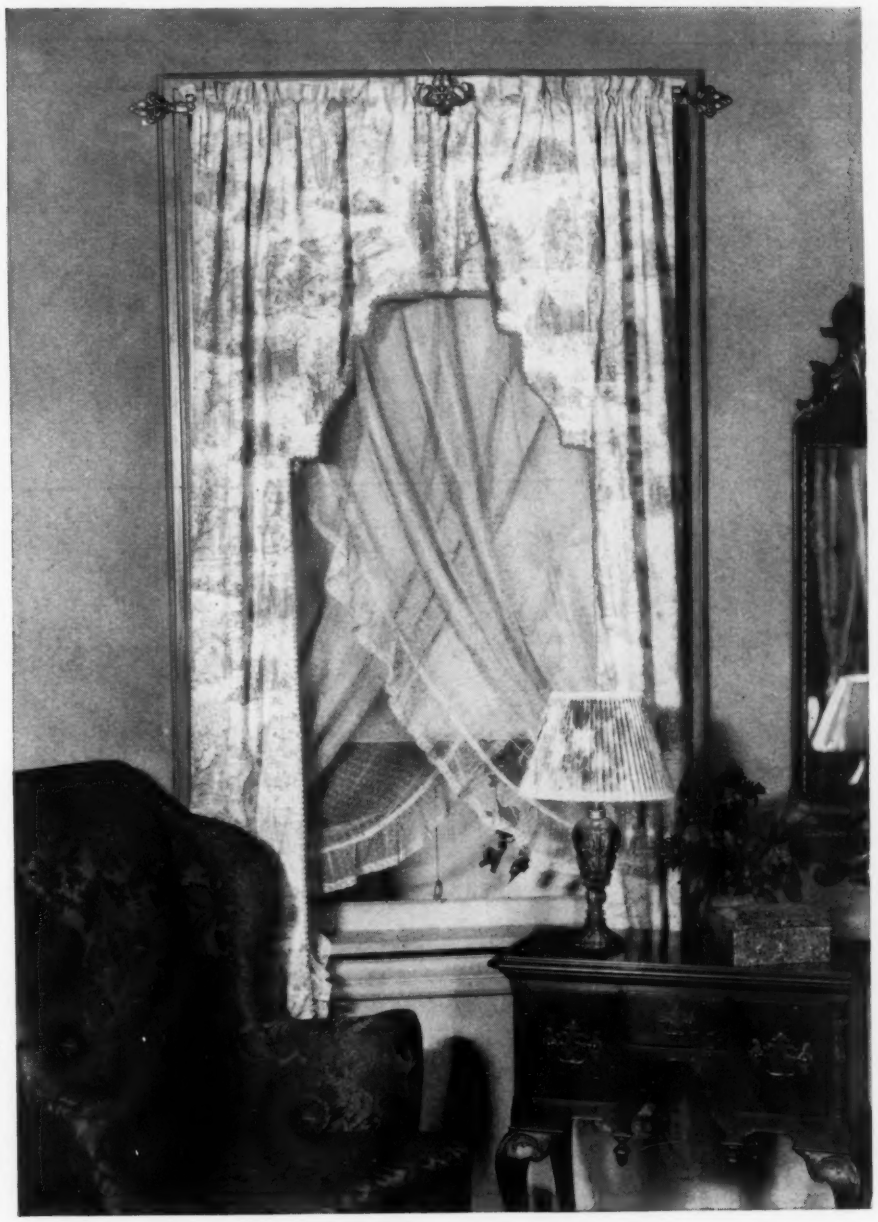

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YOU can have windows as beautiful as this in your own home if you start the right way—with the curtain rods themselves. Note in the illustration how much beauty they lend to this particular window draping. The black and gold finish of the Judd Decorated Rod contrasts so pleasingly with the Toile de Jouy overdrapes and with the cream net glass curtains mounted on single Bluebird Rods.

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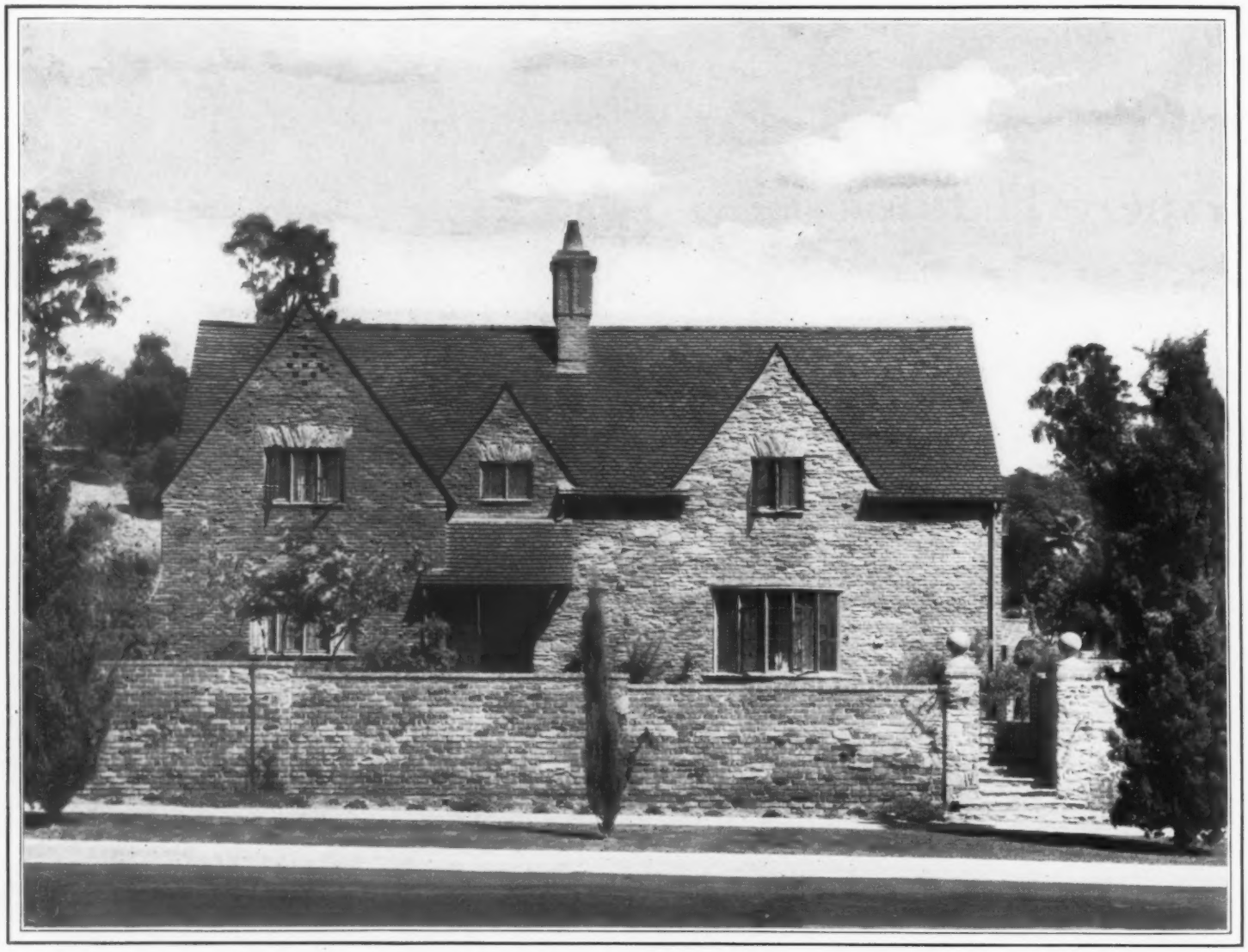

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Look for the CIRCLE A trade-mark on the burlap back

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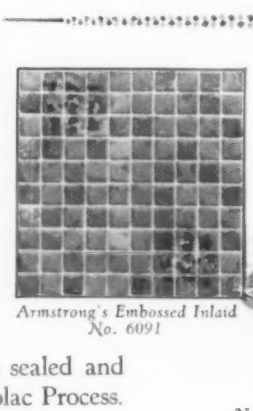
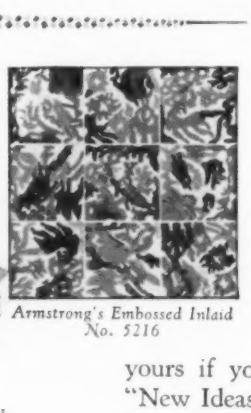


Armstrong's Embossed Inlaid No. 6091

No tell-tale spot, even when black ink spills on an Accolac-Processed Armstrong Floor.



Armstrong's Embossed Inlaid No. 5216

JUST suppose for the moment that this living-room were in your home. Even if the blackest ink should accidentally spatter on the floor, it wouldn't cause you one bit of worry. For the floor in this room is spot-proof, stain-proof. It's the new-type Armstrong's Linoleum, its surface sealed and protected by the dirt-resisting Accolac Process.

Ordinarily all the cleaning care this labor-saving floor needs is a simple dusting. Waxing and polishing, too, is now a light, easy task. Even in kitchens or wherever floors may call for frequent washing, maintenance is simplified—just an occasional renewing with Armstrong's Linoleum Lacquer quickly restores the satin-smooth lustre. (Do not lacquer over wax.)

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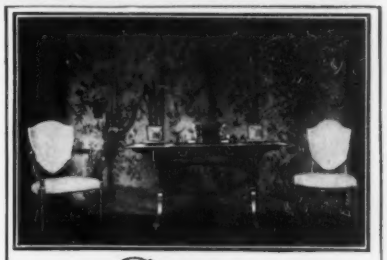
THE Women Decorators' Club of New York recently exhibited at the Grand Central Art Galleries twelve completely furnished rooms, and a number of photographs showing the latest work of several of the Club members. The exhibit, called "Summer in Town and Country", offered many suggestions for both the town apartment and the country house. Although a decided modern influence was apparent in some of the interiors, the majority of rooms were done in the traditional manner. Mrs. Kenneth Torrance contributed a breakfast room which she named "Coffee for Two." Plaster walls were painted with cherry trees so designed as to give height as well as color to the room. The iron table and wide, comfortable arm-chairs were of Chippendale inspiration.

"SUMMER Evenings," an outdoor living room presented by Mrs. Forbes McCreery, showed an interesting combination of Mexican pottery, tiles and iron work. "A Girl's Dressing Room" designed by Thedlow revealed an excellent combination of the



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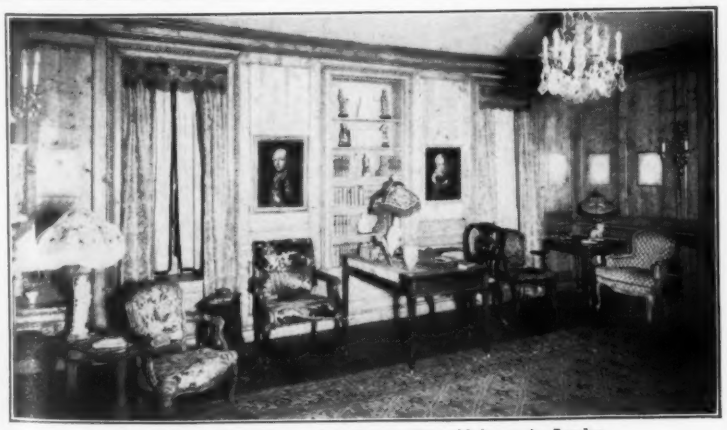

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old and new in decoration. The wall paper was in soft tones of pink with silver sprays, the rug a pale beige, and the sheer glass curtains were of shell pink over Venetian blinds painted ivory. The dressing table had a pleated taffeta skirt of coral pink held in place by a valance of mirrors which repeated the design of the mirrored window valance. A mirrored hanging cabinet held old Venetian glass and mirrored wall brackets supported Chinese crystal figures.

DIANE Tate & Marian Hall, Inc., featured a "Directoire Breakfast Room" a charming example of the period, from the green, black and terra cotta tile floor and wall paper, the gray marble mantel, the fruitwood table and console to the green satin covering the armchairs. The Chintz Shops, Inc. offered a "Directoire Morning Room in the Country." An unusual feature of this room was the many and varied uses of chintz. A small powder

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table was covered with a green lizard skin pattern, the dressing table flounce was of quilted chintz and a small chest of drawers was covered with quilted chintz. A little "French Morning Room" by Mary Coggeshall and Jeanette Jukes, Inc. was gay with orchid dotted Swiss glass curtains, orchid and green hangings, fruitwood furniture and quilted upholstered armchair. An interesting modern note in the room was the blue and brown plaid wall paper.

REFRESHING by virtue of its extreme simplicity was Mrs. Harriet E. Brewer's "The City in Summer," a corner of a sun room on a city roof. The 20th Century furniture consisted of a waxed maple gateleg table, a maple bookcase and a side chair, as well as a metal armchair with seat and back upholstered with a rayon damask. There was also a small metal table and lamp. This furniture, together with the hooked rug, was designed by Alex-

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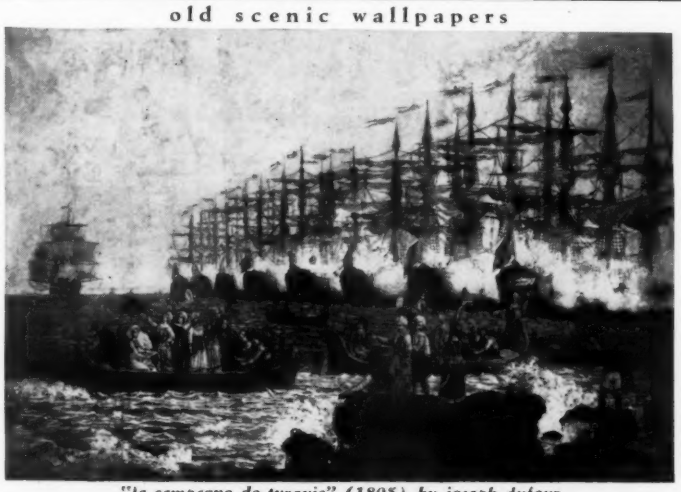

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ander Kachinsky. Traditional furniture was featured by Miss Gertrude Brooks in her "Entrance Hall" which revealed a distinguished grouping of Oriental pieces, chief among them being a lacquered chest. The color notes of the Oriental rug were echoed in the rust colored velvet used to cover the chairs, the blue-green Chinese lamp and shade and the lacquered entrance doors.

ADELINE de Voo showed a corner of a modern bedroom, with an unusual color scheme successfully carried out. Shaded pinks, blues and orchids in a horizontally striped paper covered the walls. A cotton fabric with the same striped effect covered a comfortable one armed upholstered chair. Sheer black voile hangings with a bold pink and blue leaf design framed the window. A gray harewood dressing table, black toilet accessories and a black topped metal table completed the furnishings. A novel iron tree was a feature of Ruth Collins' "Terrace." The foliage was formed by pots of ivy cleverly placed on the iron branches.

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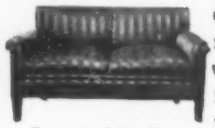

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"An Italian Loggia" by Hettie Rhoda Mead was furnished with Italian 15th Century pieces, fine iron grilles and brass. The walls were covered with the same marbleized fabric which made the unusual henna and brown curtains—a chemically treated material impervious to rain, sun and wind.

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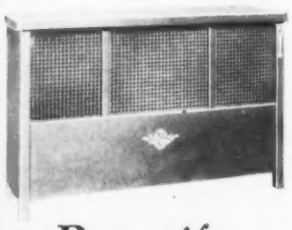

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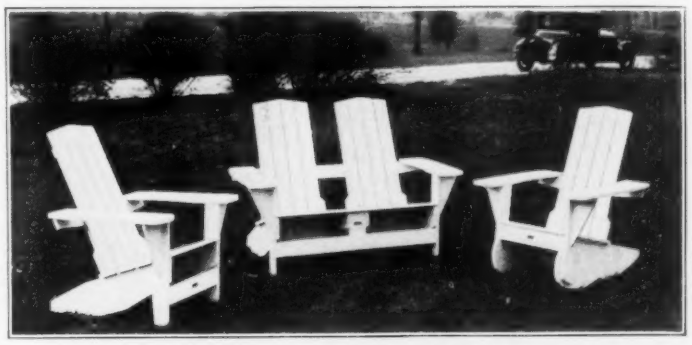

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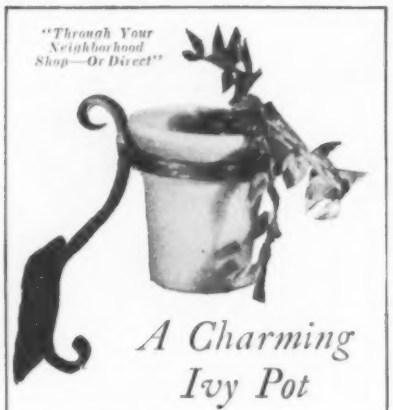


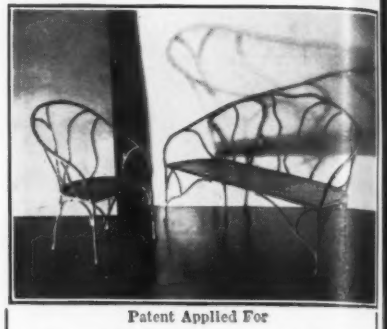
A Charming Ivy Pot

And adaptable for either indoor or porch decorations. A graceful, all hand-forged wrought iron bracket holds a hand-turned pottery pot, for growing ivy or other drooping vines. Pot is in terra cotta shade. Bracket in either black, verde green or rusty iron finishes. Total height about 10". Projection 8". No. 531. Sent complete postpaid for $3.75.

The TREASURE CHEST
Asheville, North Carolina

Thus what would otherwise be a long, tedious and perhaps fruitless procedure becomes a simple and delightful experience due to the guidance of the advisor who accompanies the would-be purchaser from department to department, displaying and suggesting the various types of table, kitchen and bed linen. When replenishing the linen closet, the bride of many years may also avail herself of this helpful service, and see all the newer linens.

COLOR is so much a part of every one's life these days that it is not surprising to find window shades decorated with colored designs. The Du Pont Corporation is now offering their regular washable shade with printed 20th Century patterns executed in color. There are six different patterns—one design intended for children's rooms. Each of these patterns is executed in three colors on a soft écru background. Since the patterns are on one side of the shade only, each room may have a shade to fit its decorative scheme, and yet keep the exterior of the house uniform in appearance.



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Natural Finish Iron Settee and Chair with Iron Mesh Seats—Settee 5' long

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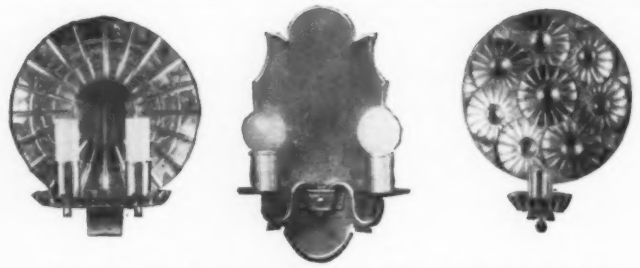
BEAUTIFUL & INEXPENSIVE
LIGHTING FIXTURES



IN making your selection from the extensive Industrial Arts Line, you will realize your desire for lighting fixtures which add to the tasteful atmosphere of your home. For here are sconces—fixtures—lanterns, handwrought in tin, brass, copper or pewter truly reproducing the charm and artistry of the rare old originals—and at moderate prices.
Write for illustrated booklet showing above and many other patterns.
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Sylvia Shaw Judson, Sculptor *Patent No. 76488*
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Just the gift for that person who has *everything*—and a garden. For Christmas, wedding, or house gift
Cast in solid bronze, beautifully burnished.
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Bright gold bronze - - - twenty dollars.
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Send for list of other interesting and unusual gifts
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the opening of our
NEW STORE
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(Between 3rd and 2nd Avenues)

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A catalogue showing typical settings of Unfinished Furniture will be sent on receipt of 25c, stamps or coin.

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NEW YORK CITY

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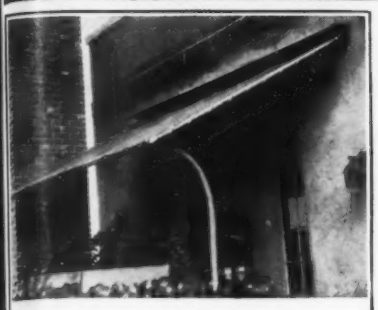

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Estb. 1897

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MELROSE 1451

HANDMADE unfilled cambric shade cloth tinted so that it will harmonize with the lamp shades and the other accessories in the room is offered by The Columbia Mills. These shades are heavy enough to insure privacy, while letting in sufficient light to tone the interior. Parchment, peach and chamois are three tints that would fit in with any color scheme. A special feature of the rollers, which may be wood or metal, is the fact that the ends are covered and will therefore not permit dust to collect.

FOR those who prefer a solid colored shade yet want a suggestion of design there is the triple strength piqué offered by the Chas. W. Breneman Co. in smart tints. The slim cords on the piqué, which are woven right into the fabric itself, give it a pleasing, velvety finish and prevent the shade from tearing near the hem. This type of shade is easy to clean since dirt and dust do not adhere to the smooth processed fabric. It is not injured by rain and will not fade. Blonde, beige, mayfair and topaz are good tones.

No. 1295

Mahogany and gold mirror, with Phoenix bird carved by hand. Good quality mirror plate. The measurements are: height 30", width 15½", mirror plate 13¾ x 21½". Price $25.00. Mirrors add loveliness to interiors and by reflection make rooms appear larger.

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with Dressing Glass. A pleasant piece to live with is this Sheraton Bureau—which typifies in its beauty of design and decoration the most charming features of Early American Furniture. The carving is beautifully executed; the wood is carefully selected and matched; hardware is very well finished and strictly according to period. Inlay of Satinwood lines on drawer fronts. Bureau is 40" x 19" x 37¾" high. Mirror is 24" x 24½" high over-all.

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ACCESSORIES
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For warm Summer days there are cool uniforms, in many charming colors . . . Dainty apron, collar, and cuff sets of fine imported organdy or quality net trimmed with lace . . . And for the nursemaid, a cape of imported serge, lined with silk. An English bonnet of crepe de chine with organdy band completes the outfit.

Send for our new portfolio of "Modish Maids' Wear" Free Upon Request

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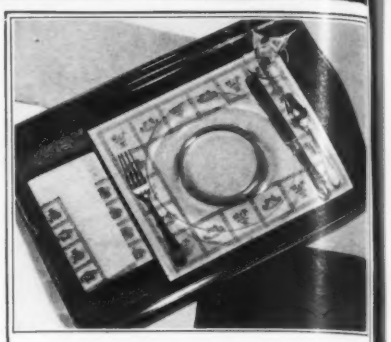
WHEN the hot sun beats down on the earth, whether it be in town or country, awnings are the only solution against summer heat. The Otis Company presents a complete line of fabrics for this and other outdoor purposes. Only the fastest dyestuffs—those which will enable the fabric to withstand the extreme weather changes to which awnings are exposed—are used. The yarn, which is tightly twisted, is then woven to produce the required design. This makes the fabric identical on both sides, with the awning as good looking from within the house as from without, to say nothing of its increased durability. Solid colors, reminiscent of Venetian sail cloth, as well as carnival stripes in all manner of gay combinations—flaming yellows, oranges, reds, cool blues and greens, neutral tans and grays—are available not only for awnings but for porch furniture coverings, cushions, et cetera. Foster & Stewart offer a line of painted awning fabrics which have a firm weave and the roughish texture of coarse linen. A permanent finish which is absolutely water and wrinkle proof ensures years of service. Modern designs in blended tones of one color are popular, as also are the spearhead awnings, which are particularly suitable for houses of Spanish or Moorish design.



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Napkins and Luncheon Sets to match
Yellow, Green or Blue.
36 Luncheon Sets
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Sent Postpaid $2.75
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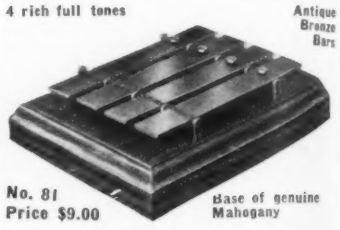

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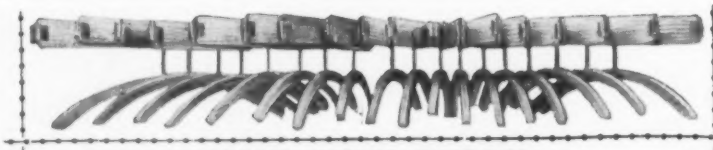

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MODERNIZE your Clothes Closets by installing the newly-perfected space-saving "Innovation" Bars and Hangers, which can be swung, turned right or left, tucked into a corner, transferred to your "Innovation" Wardrobe Trunk, etc..You are cordially invited to see our exhibit—or send for booklet...

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Summer Homes call for cool colors

HALE'S
Specialists in Sleeping Equipment
NEW YORK CHICAGO
DETROIT NEWARK

So Hale's answers with this exclusive bedroom group done in French green. The ends are two-toned with antique white striping; the panels, hand decorated. Beneath this lovely lacquer finish is the steel of the suite itself—deftly fashioned by Simmons—which assures resistance to the most adverse atmospheric conditions. For five pieces, $218.75.

THESE fine fixtures by Kohler are noted for their grace of line and proportion. They are everywhere preferred for the quality and lustre of their glassy-hard enamel, and for the way in which the assembled fixtures for a complete bathroom harmonize in color and texture.

The proper ornament for such admirable ware is found in metal fittings of Kohler's own make—faucets, handles, and escutcheons whose mechanical perfection, artistic design, and flawless finish are illustrative of Kohler craftsmanship at its best.

It is worth knowing that all *Kohler products—enameled ware, vitreous china ware, metal fittings—are made under ideal conditions in one place, in Kohler Village, one of America's most beautiful town-planned communities. That is why one finds in an all-Kohler bathroom such uniformity, such perfect harmony, of quality and beauty.*

Visit a Kohler display room and see what charming bathrooms are now being created with Kohler Colorware. Go to see your own plumber—and ask him, by the way, to show you how the name Kohler is faintly fused in every fixture, to identify and protect.

Meanwhile, let us send you a really exceptional book. Just mail the coupon.

"Only $16.40 more for that bath tub in COLOR!"

HERE is an interesting comparison. It shows you the moderate cost of Kohler Colorware—the latest touch of modern beauty in bathrooms. That handsome Kohler *Viceroy* bath in a 5½-foot "recess" pattern, costs only $16.40 more in your choice of seven appealing colors than you pay for white. The painting gives you a glimpse of this shapely modern fixture, and of the *Belmore* lavatory, in Old Ivory enamel.

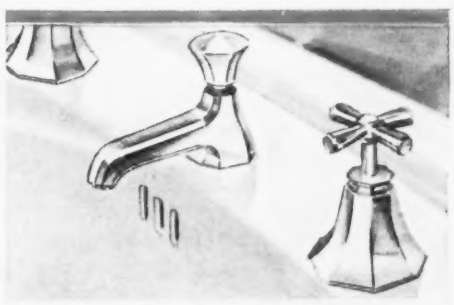
Some most attractive Kohler fixtures cost even less. There are bath tubs, for instance, for as little as $70; lavatories for $35; toilets for $65. All in color—in any of *seven* beautiful colors. All with Kohler fittings in gleaming chromium plate. Or, at even lower cost, you may have white ware of unrivaled snowy purity.

KOHLER CO., *Founded 1873,* KOHLER, Wis. · *Shipping Point,* Sheboygan, Wis. · *Branches in Principal Cities*

KOHLER OF KOHLER

PLUMBING FIXTURES

LOOK FOR THE KOHLER TRADE MARK ON EVERY FIXTURE



The completing touch—Kohler "Octachrome" fittings in chromium plate

New

72-PAGE BOOK

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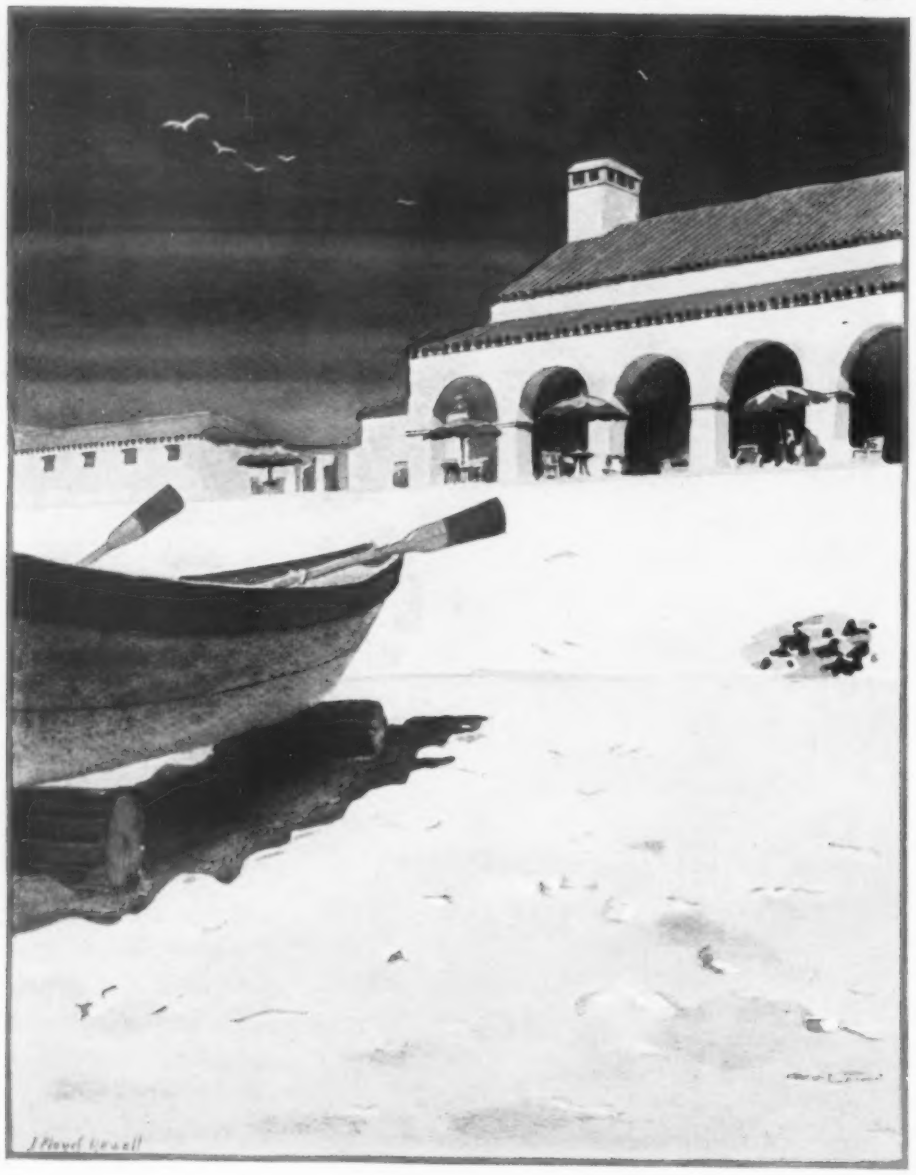
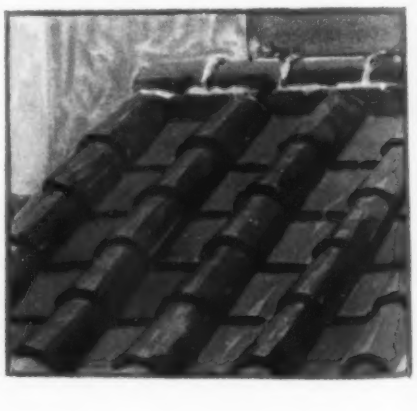


Left: Bathing Pavilion of the Southampton, Long Island, Beach Club; Peabody, Wilson & Brown, Architects. Below: A close-up of the IMPERIAL Roman Tiles which were used on this building.



A roof as mellow as those along the Mediterranean

The architects of the Southampton Beach Club, where New York society goes to the sea to see or be seen, drew their inspiration from the picturesque old structures that border the Mediterranean. Very wisely, therefore, they insisted upon a roofing material that would simulate the mellow color and weathered texture of a roof laid centuries ago.

They found it in IMPERIAL Roman Tiles, for these tiles are astonishingly faithful reproductions of the age-old tiles that charm the eye in Southern Europe. Neither in color or texture is it possible to distinguish them from their ancient originals, and their lasting qualities are fully as great.

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Few pass this charming home without comment on its *sparkling whiteness*

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Such are the flattering comments reported by many home owners who have painted with the new Outside Barreled Sunlight. Their friends—their neighbors—the painters who do the work—all are enthusiastic.

This instant, wide acclaim would be impossible if Outside Barreled Sunlight were just another paint. *It is actually the crowning achievement of twenty years' specialization on white paint exclusively. The gratifying result of our fixed determination to produce the very finest exterior white paint that we could make.*

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The twin products for cleaner, more beautiful homes—inside and out

Outside Barreled Sunlight is made by an adaptation of the exclusive Rice Process which perfected Interior Barreled Sunlight, the satin-smooth, dirt-resisting paint enamel. The new product is in every way a worthy companion of the old.

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Gentlemen:

☐ Please send me free copy of your booklet "The Whitest White House in Town."

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☐ Send free can of Outside Barreled Sunlight to my painter. His name and address are given in margin below.

An interesting composition from the residence of Mr. Herbert Lau, New Rochelle, N. Y. Pebbled stucco and Lupton Casements provide a charming study of textures.

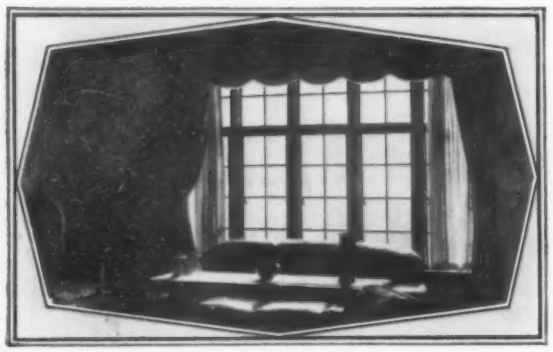
This special Lupton door frames a colorful and unobstructed picture of a loggia and living terrace.

A sunny corner of a pleasant living-room, showing the effective contrast of Lupton Casements with warm, rough plastered walls.

LUPTON CASEMENT WINDOWS

THROUGH WINDOWS, CLIMATE HAS DICTATED THE CHARACTER OF OUR HOUSES

The charm that attracts us to the snugly built Colonial homestead of New England is largely in its small windows, which bitter winters made necessary. The more expansive Colonial houses in the South had ample windows. Winters were mild and summer days oppressive. In the Spanish mission homes that dot the ranches of the Southwest, small windows are again the characteristic note. Rooms remained cool during the dazzling heat of the midday sun. So, climate has influenced our domestic architecture.



Lupton Casements accent the rich decorative motif of this charming room.

Whatever type of home you have in mind—English, Colonial, Spanish, Mediterranean—you will find Lupton Residence Casements of steel in appropriate sizes. Architecturally perfect, harmonious to period lines, they combine the structural advantages of steel with the newest mechanical improvements.

Lupton Casements enable you to adjust your house perfectly to each season. In winter, a double contact of steel on steel locks out cold and dampness and saves the cost of weather stripping. In summer they swing open to catch the laziest breeze and bring its refreshing coolness indoors. When opened, the panes can be cleaned on both sides from within the room. The new Lupton friction-hinge assures effortless operation, and keeps the window from chattering in the wind. Weather will not warp Lupton Casements nor make them stick. Sturdy and precise in workmanship, beautiful in appearance, they are becoming a necessary appointment in the modern home.

Lupton Casements are reasonable in cost. Quantity production permits prices which fit the average building budget. Have us send you the free booklet, "Better Windows for Your Home." You will find it interesting reading. David Lupton's Sons Co., 2253 E. Allegheny Avenue, Philadelphia, Pa.

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265 *h. p.*

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Chassis $8,500

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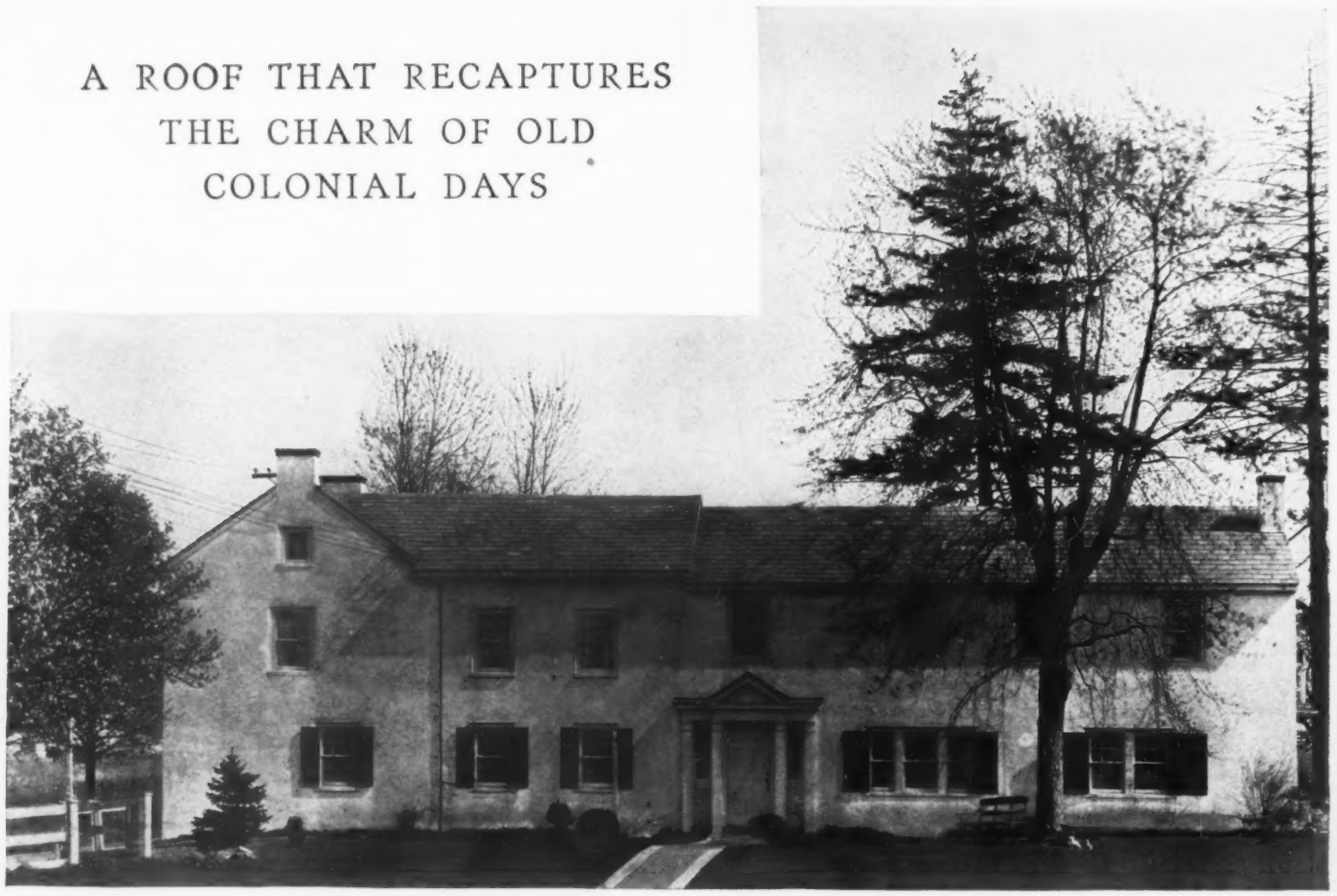
A ROOF THAT RECAPTURES THE CHARM OF OLD COLONIAL DAYS



Your Great-Grandfather Would Have Welcomed This Protection Overhead!

WALLS that stood a century—but a roof that had to be replaced! Had Ambler Asbestos Shingles been available when our ancestors built such sturdy homes as pictured above, the cost of modernization would be greatly reduced.

This modern building material of course was not available in the days when stone walls were built to ward off arrows and rifle bullets. It was not until early in the twentieth century that a rigid Asbestos Shingle was perfected at Ambler; since then tens of thousands of homes have been protected by these Shingles.

There is nothing mysterious about them: simply a mixture of Portland cement and Asbestos fibre, thus combining permanence and protection. Coloring matter is added to produce the delightful tints available, and great pressure is then applied to render them rigid and lasting.

The result is a material as enduring as rock—a roof that actually hardens with exposure—a roof that will not fade, that needs no repairs, that cannot be split by huge hailstones—a roof that keeps your home safe from flaming embers.

Back of the name "AMBLER" is the experience of a quarter-century in the fireproof Asbestos building material field. It will be distinctly to your advantage when remodeling or building to ask for an estimate.

ASBESTOS
SHINGLE, SLATE & SHEATHING
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Manufacturers of Ambler Asbestos "WALTILE"

Branches in Principal Cities

Four Door Sport Sedan
130" wheelbase
125 horsepower

$1795

The Leader Among Straight Eights

If you were among the first who foresaw the inevitable supremacy of the Straight Eight Auburn motor cars, you are being rewarded by seeing your own judgment abundantly vindicated. As this issue of House & Garden goes to press Auburn sales are more than fifty percent greater than for the corresponding period of last year. And this increase is made in the face of the most strenuously competitive period the industry has ever known.

The reasons for the rapidly increasing number of Auburn owners are all to be found BUILT into the CAR ITSELF; in its long wheelbase, its strongest of frames, its abnormal structural strength, its rare ease of handling, its amazing roadability, its smooth flexible performance, its low body coupled with exceptional roominess and comfort and in its demonstrated superiority under all driving conditions. Add to those desirable advantages its proven dependability, long life and low initial and upkeep cost, and the buyer who carefully compares values has little or no option.

Auburn meets this unprecedented public confidence and acceptance with a determination to deserve it by making of every new Auburn owner a permanent Auburn enthusiast.

AUBURN

POWERED BY LYCOMING

6-80 Sedan $1095; 6-80 Sport Sedan $995; 6-80 Cabriolet $1095; 6-80 Victoria $1095; 8-90 Sedan $1495; 8-90 Sport Sedan $1395; 8-90 Speedster $1495; 8-90 Phaeton Sedan $1695; 8-90 Cabriolet $1495; 8-90 Victoria $1495; 8-90 7-Passenger Sedan $1595; 120 Sedan $1895; 120 Sport Sedan $1795; 120 Speedster $1895; 120 Phaeton Sedan $2095; 120 Cabriolet $1895; 120 Victoria $1895; Prices f. o. b. Auburn or Connersville, Indiana. *Equipment other than standard extra.*

AUBURN AUTOMOBILE COMPANY, AUBURN, INDIANA

Airmail postage has been reduced to 5 cents for the first ounce and 10 cents for each additional ounce. Use Airmail daily for quicker communication. The development of Aviation is vital to American progress.

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When workmen put Reading 5-Point Pipe within your walls, look at it well—for the chances are you'll never see it again, unless you tear down your house!

Long years of comfortable living will pass—generations will come and go—age will settle gracefully upon your roof-tree. But Reading 5-Point Pipe will not make its presence unpleasantly known. It will not disturb anyone with annoying repairs or costly replacements. Rust will not eat it away; strain will not break it. Time—the one true test of pipe vitality—has proved over and over again that Reading 5-Point Pipe will outlast the building!

This is the service you get from Genuine Puddled Wrought Iron—the age-lasting material of which Reading 5-Point Pipe is made. And Genuine Puddled Wrought Iron comes only from the puddling furnace, where fire and force, freely spent, mingle the pure iron with the silicious slag that guards the metal from rust.

Remember that Reading 5-Point Pipe gives you life-long freedom from pipe troubles at a moderate original cost. Remember, too, that no substitute can give you such proved protection. Insist on getting Genuine Puddled Wrought Iron.

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AND
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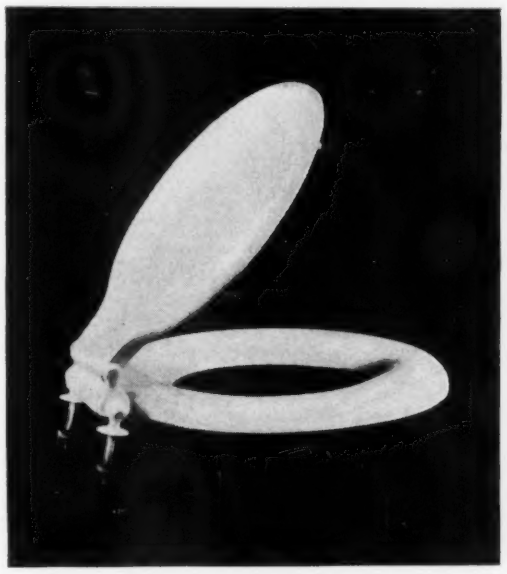
Are its significant details beyond reproach?

THE bathroom is not only an important room, but one that is sure to betray the standards and care that control your home. Is this vital little room modernly equipped? Is it clean and attractive? Is it the *opposite* of careless and shoddy? These are the questions that your guests and business associates unconsciously will ask themselves when they enter your bathroom. And the answers to these questions inevitably will form part of their opinion of your home.

The most conspicuous thing in the bathroom is the toilet seat. If it is shabby, worn, unhygienic, it casts a telltale shadow over the whole room and gives your guests a false impression of your home. In these modern days such a condition is easily remedied. You have but to visit a plumbing store in your neighborhood and select a handsome, glistening, ever-durable Church Toilet Seat. *Your bathroom will be transformed in a few minutes!*

Modern Colored Seats

Like the Sani-White Seats, the beautiful, new Church Colored Seats will fit any make of bowl. These sanitary, modern bathroom appointments are selected everywhere by architects and interior decorators.



They are available in a complete range of beautiful pastel shades and lovely sea-pearl tints. This wide range of beautiful colors makes it possible for one to manage just the right color scheme for the particular bathroom. Write for illustrated folio.

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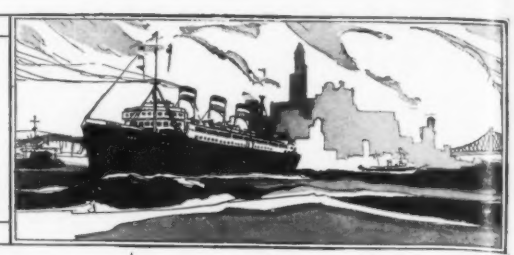

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Hollywood Plaza. The most convenient hotel in Hollywood. Attractive, modest and homelike, with excellent cuisine and service. Reasonable rates.

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Hotel Leighton. Delightful home atmosphere. Restful grounds. Parking space. 10 minutes to business section. Opposite Westlake Park.

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El Encanto Hotel. California's most delightful hotel and bungalows. On the Riviera overlooking sea and mountains. Excellent cuisine. Golf. Riding.

El Mirasol Hotel and Bungalows. "Most unique hotel in America". Offering quiet home atmosphere and privileges of golf and country clubs.

Miramar Hotel and Bungalows. Situated on Pacific Ocean. Garden spot of California. Golf, Tennis, Riding. Country Clubs. Exclusive residential section.

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The Ahwahnee. Open all year. Commanding a matchless panorama. Already world-famed for distinctiveness. Riding, tennis, fishing. $10. up, American plan.

COLORADO

Brook Forest

Brook Forest Inn. A Swiss Chalet in the Rockies, open all year, altitude 8,000 ft. Riding horses. Edwin F. Welz, Mgr.

CONNECTICUT

New Haven

Church-Wall Tea House. Church St. at Wall. An entire house of tearooms; dainty atmosphere, marvelous food. Boxwood Manor, Old Lyme, Management.

Old Lyme

Boxwood Manor. Among the birds and flowers. Entirely modern, refreshing, summer tourist house with farm. Bathing lodge on ocean.

Waterbury

The Elton. Fireproof. Most attractive hotel in New England. Send for Graphic Map. "The Air Line" shortest fastest route between N. Y. & Boston.

DISTRICT OF COLUMBIA

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Carlton Hotel. 16th at K Street, N. W. The newest and most distinctive hotel in the Capital City. Rates moderate.

Grace Dodge Hotel. A hotel distinctive for its charm and high standards of service. Located three blocks from the Capitol. Open to men and women.

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Wardman Park Hotel. Away from noise and congestion, convenient to down-town. Single rooms with bath $5.00, double rooms, bath $8.00.

The Willard. "The Hotel of the Presidents"—convenient to everything worth while in the Nation's Capital. Homelike atmosphere. Unexcelled cuisine.

MAINE

Bar Harbor

Malvern Hotel. A distinctive home, catering to a refined clientele. Thoroughly modern. Excellent cuisine. Ideal location with all resort sports.

Bethel

Bethel Inn. Noted for its individuality and perfect appointments. The rates are reasonable. Nine-hole golf course on our own grounds.

Gerard

Spencer Lake Camps. The ideal vacation. Individual cabins. Meals in general dining room. Our own dairy, gardens, bennery. Excellent fishing. Bklt.

Kennebunk Beach

The Atlantis and Cottages. Modern in every respect. Superb ocean bathing beach. Excellent 18-hole golf course. Tennis. Beautiful motor roads.

Moosehead Lake

Squaw Mountain Inn. "Vacation Paradise". No hay fever. Golf, all sports. Refined, homelike. Excellent cuisine. $5. to $7. per day, American Plan.

Newagen (Boothbay Harbor)

Newagen Inn and Cottages. "Where Sea, Cliffs and Spruce Forests meet." Every sport. Tempered sea water swimming pool. No hay fever.

Poland Spring

Poland Spring House. Maine's foremost resort, open June to Oct. Mansion House, always open. Excellent 18-hole golf. Home of Poland Water.

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Lafayette Hotel. A delightful tourist hotel where friends meet friends enroute, and enjoy excellent service at fair rates. European Plan.

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Ocean House. Leading hotel on State Road. 70 miles from Boston. Comfortable & homelike. Orchestra, golf, tennis, fishing, bathing, good roads. Bklt.

MAINE *(Cont.)*

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Harmon Hall & Cottages. Overlooks York River, Harbor and Ocean. Quiet location. Distinctive for its charm and perfect service. Yachting, bathing, golf.

Marshall House. Also the Emerson and Cottages. Fire sprinklers throughout. Superb location on ocean and river. Golf, bathing, orchestra, elevators.

MASSACHUSETTS

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Hotel Fensgate. 534 Beacon St., overlooking Charles River, 10 min. to business centre. Rooms $3.00 up with bath. Golf privileges. W. E. Toppin, Mgr.

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Hotel Somerset. Commonwealth Ave. A dignified home for transient and permanent guests. Central yet quiet. Room with bath $3.50 up. E. P.

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Hotel Beaconsfield. Homelike atmosphere. Convenient to down-town Boston. Away from congestion & noise. Residential section. Rooms $3.50 up. Garage.

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Chatham Bars Inn. And 20 non-housekeeping cottages. Overlooking the ocean. An outstanding example of the newer type of hotel on Cape Cod.

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Terrace Gables and Cottages. Far-famed for its sea food and land delicacies. Golf. Warm bathing. All shore sports.

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Curtis Hotel. An ideal resort in the alluring Berkshire Hills. Excellent golf, fine roads for motoring and trails for riding. Unposted trout brooks.

Hotel Aspinwall. In the Berkshires. Beautiful setting. Appealing to a refined clientele. Golf, tennis, motion pictures, dancing, orchestra. June 15 to Oct. 15.

Marion

The Sippican Hotel. On a beautiful harbor. Select family resort. Every land and water sport. Water 70°. Two golf courses.

Nantucket Island

Ocean House. 30 Miles at Sea. Three 18-hole Golf courses. Tennis. Bathing, Boating, Fishing, Horseback Riding, Dancing. Frank Worth, Prop.

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The Hotel Northampton. "A Wiggins Hotel". New, Fireproof. 125 rooms. European plan. Rate $2.50 and upward. On three principal highways. Garage.

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East Bay Lodge. In most beautiful section of Cape Cod. Every room has running water or bath. Golf, tennis, bathing, boating, fishing, wonderful roads.

MINNESOTA

Minneapolis

The Curtis Hotel. Easily accessible to Minnesota's beautiful lake region. 824 rooms, each with private bath. Write for descriptive folder.

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Hotel Coronado. Smartly near the center of things. Distinguished St. Louis visitors invariably choose this famous hotel. Four noted restaurants.

The Jefferson. "Where the world meets St. Louis". An hotel of International Repute. Famous Cuisine. 800 rooms with bath, from $3.00.

MONTANA

Birney

Bones Ranch Cattle Outfit. Accommodates a limited number of guests. Unsurpassed scenery. Good horseback riding. Informal hospitality. References exchanged.

NEW HAMPSHIRE

Bretton Woods, White Mts.

The Mount Washington. Open July to October. The Mount Pleasant. Open June to late September. Two golf courses. C. J. Root, Manager.

Hanover

The Hanover Inn. At Dartmouth College. 100 rooms, 60 baths, elevator. New fireproof addition. Excels in all outdoor sports.

Jackson

Gray's Inn. In the heart of the White Mountains. 150 rooms. Golf, tennis, swimming pool, dancing, hiking. Excellent roads. Booklet. June 15 to Oct. 15.

Lake Sunapee

Granliden Hotel and Cottages. 1200 feet above sea level. Own 9-hole Golf Course. Private bathing beach. Saddle horses. Tennis courts. Orchestra. Woods-trails.

Indian Cave Lodge and Cottages. Good fishing and all outdoor sports. Rooms vith and without bath. Rates $5. to $7. per day. American Plan.

Soo-Nipi Park Lodge and Cottages. A nice golf course in our own park. Always good fishing and every water sport. No hay fever. Booklet.

Manchester

Shirley Hill House. A comfortable house with a comfortable rate. Fruit, vegetables, milk from our own farm. Two golf courses at Manchester.

NEW HAMPSHIRE *(Cont.)*

Sugar Hill (White Mountains)

Sunset Hill House. Location unexcelled. All prominent White Mt. peaks visible. Fine links, golf free. Tennis, orchestra, riding. Private baths. Booklet.

Whitefield

Mountain View House. For three generations the summer home of families of culture and refinement. Every outdoor sport. Attractive modern appointments.

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Colton Manor. Atlantic City's newest hotel achievement. Sea water baths. Marine sun deck. From $7. day. American Plan; $4. European Plan.

Hotel Fredonia. A homelike European Plan hotel. Not extravagant but comfortable in a most friendly way. Tennessee Avenue just off the boardwalk.

Spring Lake Beach

The Essex and Sussex. A resort hotel of distinctive superiority. Directly on the ocean. Golf, bathing, tennis, riding. Furnished cottages.

NEW MEXICO

Santa Fé

Hacienda de Los Cerros. A modern all-year mountain Resort. Riding, motoring, outdoor sports. Dry, mild, sunshiny climate. 7,000 ft. altitude. Booklet.

NEW YORK

Glens Falls

The Queensbury. Attractive new modern, fireproof hotel, 207 rooms. European Plan. Halfway between New York and Montreal. An ideal place.

New York City

Eighteen Gramercy Park South. New residence hotel exclusively for women. Overlooking Park. Helpful service to out-of-town guests. Moderate rates.

Hotel La Salle. Thirty East 60th Street. A dignified quiet place of residence for permanent and transient guests. Centrally located.

Hotel St. James. 109 West Forty-fifth Street, just off Broadway. An hotel of quiet dignity, much favored by women traveling without escort.

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Cataract House. Established 1814. America's Most famous hotel. Open year round. Overlooking the Falls, River and Rapids. Telephone 5700.

Old Forge

The Mohawk and Cottages. A modern Adirondack hotel offering golf, riding and a wide range of sports and amusements.

Syracuse

Hotel Syracuse. A stay at this delightful hotel is always a pleasantly remembered experience. 600 outside rooms, each with bath.

NORTH CAROLINA

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Grove Park Inn. American Plan. Absolutely fireproof. Open all year. Finest resort hotel in the world. Golf, tennis, dancing, riding, hunting, etc.

Kenilworth Inn. Always open. Asheville's largest resort hotel offering every facility for perfect relaxation and outdoor sports. On main motor routes.

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Dayton

Hotel Miami. Dayton's leading hotel. Permanent and transient suites or a single room. Bath and circulating ice water in every room.

PENNSYLVANIA

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Hotel Bethlehem. A new hotel, convenient and quiet in location. Luxuriously appointed, well furnished. Excellent cuisine.

Philadelphia

Adelphia Hotel. Nearest everything. Roof Garden. Caters to families. Children half price in all restaurants. Every room with bath $4 to $5 a person.

The Bellevue-Stratford. Its popularity evidenced by the patronage of Native Philadelphians of all ages as well as visitors from all parts of the country.

The Benjamin Franklin. Philadelphia's most popular hotel. 1,200 rooms, each with bath. Three restaurants. Garage. Horace Leland Wiggins, Man. Dir.

TENNESSEE

Memphis

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TEXAS

El Paso

Paso del Norte. El Paso's best and largest hotel. All-year golf and other sports, we secure privileges. See interesting Juarez, Mexico.

TEXAS *(Cont.)*

San Antonio

Gallagher Ranch. 10,000 acres. Picturesque. Ideal climate. Comfortable quarters, excellent food. Riding and all western recreations. Open all year.

VERMONT

Rutland

Crestwood. An unique Inn. Residential section beautiful Green Mt. City. Golf, riding. Best of food. American Plan $6 up. June to October.

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Woodstock Inn. Among the Green Mts. Central location to tour Vt. Good roads in all directions. Attractive. Modern Appointments. 18-hole golf course.

WEST VIRGINIA

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Greenbrier and Cottages. America's famous and most favoured all-year resort for sport, luxurious rest and constructive recreation.

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Hotel Regis. Central location. Caters especially to Americans. Rooms with private bath $3 to $15. Special weekly and monthly rates.

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Fortnightly sailings of palatial President Liners from New York and weekly sailings from Los Angeles and San Francisco for the Orient and Round the World. Stopover at any of the 22 ports in 14 countries for one week, two weeks or longer.

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CUNARD LINE, 52 days, $600 to $1300

Spain, Tangier, Algiers, Italy, Riviera, Sweden, Norway, Edinburgh, Trossachs, Berlin (Paris, London, Rhine, etc.) Hotels, drives, fees, etc. included.

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New S. S. "Transylvania", 66 days, Madeira, Canary Islands, Morocco, Spain, Greece, Palestine, Egypt, Italy, etc.

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Throughout Eastern Canada—side by side with the past—you may enjoy every kind of land and water sport, every appointment and luxury of modern hotel service and country club privilege.

Lakes and streams, seashore and woods resorts, camps and the famous lower St. Lawrence resorts, cater to every purse and taste.

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TO THE
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BY THE SCYTHIA

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BALMY spring days . . . rolling hills blazing in the golden glory of the California wild poppies *(copa de oro,* or *cup of gold,* as the early Spaniards named what is now California's sand dunes, rich with the state flower) . . . brown blues and purples of the wild lupine . . . mountain meadows carpeted in mosaic-like colorings of dainty blooms hiding among the grasses . . . wooded dells with almost impenetrable masses of shoulder-high ferns . . . the tinkle of little streams meandering through cool, moss-covered banks . . . peace and quiet, and the joy of living.

Far away, where the broad Pacific meets the brighter blue of the sky, a lumbering freighter, bound for far distant ports under the Southern Cross, dips below the horizon, while, closer in, dainty yachts mince their way between protecting headlands. Above is the drone of a mail plane, as it slides earthward after having crossed the high Sierras where the pilot saw below him the fairest land in all these United States . . . Scenic California.

On the eastern shore of the great harbor of San Francisco Bay is Alameda County, which offers to you the recreational, educational, and business opportunities of its three principal cities—Oakland, Berkeley, and Alameda. Here, in the center of the wonderland of Scenic California, is a city dwelling, a suburban home, or a country estate where you can enjoy life as you can scarcely enjoy it anywhere else—where you and your family will find happiness and contentment. Plan now to visit where California reaches its highest degree of perfection and select the community for your future home. For further information write the

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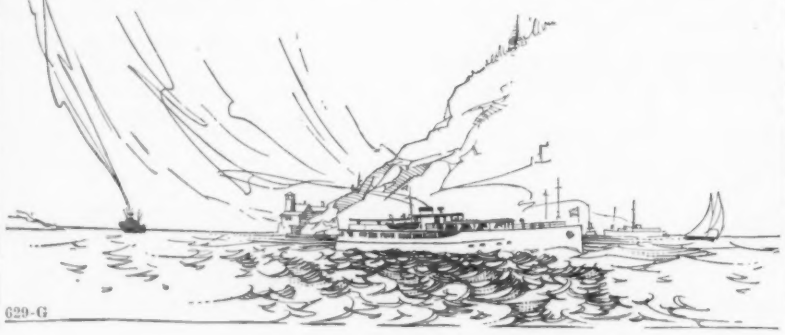

629-G

—you can do *what* you please *when* you please—or nothing at all if you please! On the cool veranda of a ranch house you can loaf luxuriously, comforting silence of the mountains around you, pine-scented air to breathe.

If you like action, there are skyline trails to ride—mountains to climb—streams full of trout ready to fight!

We can tell you about all sorts of western ranches—ranches where you can rough it with ease—real ranches where rodeo stunts are part of the cowboys' everyday job. If you want a vacation that is *different* please mail the coupon *now!*

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I am interested in a Dude Ranch Vacation leaving ..... about .....
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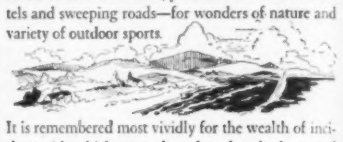

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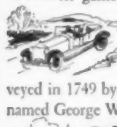

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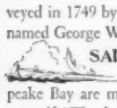

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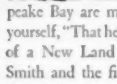

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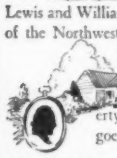

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"Money Saved for Builders" tells how Tidewater Red Cypress grows along the lower Atlantic and Gulf coasts .... how it is treated before it reaches your lumber dealer .... how you can use it to make your home more beautiful .... and how you can save money on repair bills. Write for it today.

This modern residence at Allendale, New Jersey, should last as long as the old plantation house above, for Tidewater Red Cypress was used in the construction. Lucian E. Smith of New York was the architect.

Southern Cypress Manufacturers' Association
Barnett National Bank Building H.G.-6
Jacksonville, Florida

Gentlemen:

"Money Saved for Builders" sounds mighty interesting. Please send it to me.

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At very low cost you can have an INSULITE house—which means good insulation along with greater structural strength.

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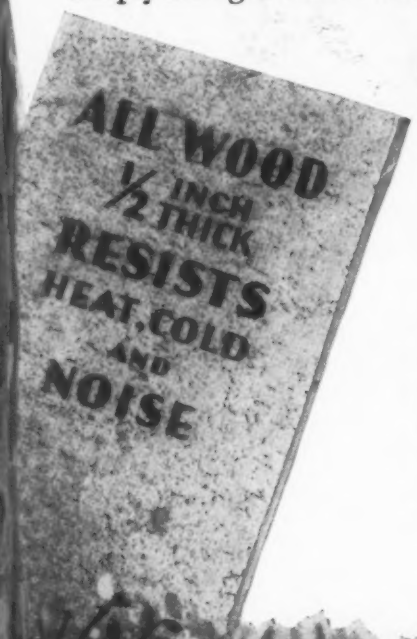

Besides all-weather comfort, you can have extra rooms at the top of the house with a small investment.

Your lumber dealer and builder can tell you how to use INSULITE Building Board as sheathing or wall board; INSULITE plaster base; INSULITE for lining the attic and garage; INSULITE for roof insulation.

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THE NATION'S PROTECTION AGAINST HEAT AND COLD

Making the old home new

What a difference in appearance when Genasco Latite Shingles are put over old siding or stucco! New beauty, lasting beauty—never need painting—and they afford added protection.

An enduring roof of lasting beauty!

And Genasco Latite Shingles are particularly suitable for re-roofing

TODAY the roof is resplendent with color—for color is the dominant note of modern times. Genasco Latite Shingles in their four attractive colors—rich warm red, cool sage green, blue-black, and the harmoniously blended Mix-Tone—are charmingly beautiful for roofing. And in re-roofing, the Genasco way is the modern way—right over the old worn-out shingles.

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In addition to being waterproof, weather-resistant, and fire-retardant, Genasco Latite Shingles give long service because they are waterproofed with Trinidad Lake Asphalt Cement—made from Trinidad Lake Asphalt, famous as a street-paving material for over a half-century—and only Genasco Shingles are waterproofed with this wonderful asphalt cement.

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Because of their beauty, Genasco Latite Shingles are used on the finest homes as well as on those of more moderate cost. Because they are inexpensive, they are used on cottages, bungalows, barns, and garages. In re-roofing, they are laid right over the worn-out shingles—no necessity of tearing off the old roof—no unnecessary dirt, labor or expense. And the old roof serves as extra insulation to make your home warmer in winter and cooler in summer.

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The front views of the Genasco Latite Shingles show the attractive non-fading colors. The back view shows the patented "key" which makes Genasco Latite particularly adapted for use over old roofs—the feature which makes the completed roof "lay tight" and stay tight. This key is invisible on the completed roof, and the double-thick butts of Genasco Latite Shingles which hold the keys dispel the flat monotonous appearance of ordinary shingle roofs.

Genasco
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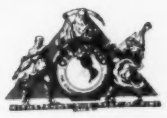

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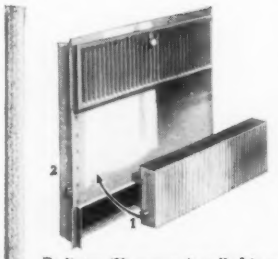
Please send me, without obligation, full information about Genasco Latite Shingles, and name of the nearest concern which will furnish estimate of cost for roofing or re-roofing my home.

Name.....

Address.....

H.G.-6



Radiator (1) comes installed in a steel case (2) more substantial than the wall itself. The complete unit is ready to install in any standard wall or partition. Note the installation at left, with radiator in the plastered wall under window.

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Modern simplicity demands *radiators in the wall!*

DIRECTNESS of line, harmony of color, elimination of useless detail — these, we know, are the very essentials of smart interior decoration. But how may we secure these qualities if space-taking radiators are permitted to interfere? Impossible, say authorities on interior planning.

There is a better way to heat your rooms! The Herman Nelson Invisible Radiator, permanently sealed behind plastered wall or partition, offers every advantage of finest radiator heat . . . and yet . . . not an inch of it protrudes into the room! It is out of the picture—out of the way. You are free to place your furniture as your taste dictates—free to plan a truly consistent color scheme.

And note this: the Herman Nelson Invisible Radiator has no joints of any kind to eventually leak steam or water. Once installed, you need never give it another thought.

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containing approximately.....rooms.

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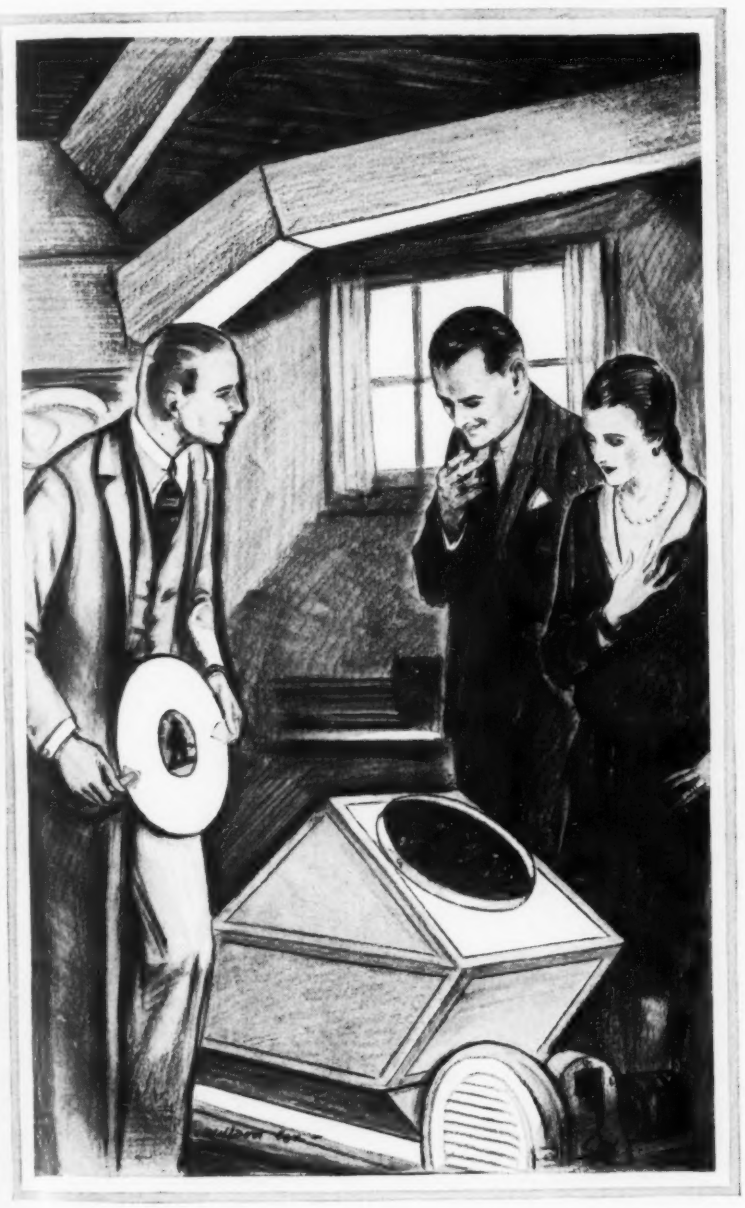
and now the wonderful Iron Fireman *is available for your home...*



Iron Fireman heating engineers are busy making installations in thousands of homes throughout the United States and Canada

NO DOUBT you have wanted to know more about this new idea of automatic heating, which your friends have been talking about. Their statements about all-winter relief from constant furnace tending hold vital interest for you. And you want to know how *your* furnace can give you the conveniences and savings of automatic coal heat.

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Iron Fireman *De Luxe* brings *you* fuel economies similar to those which thousands of enthusiastic industrial users are obtaining. It brings you "*Forced Underfiring*"—the scientific way of burning coal. It is practical, *absolutely safe* . . . designed and finished in the smart modern style, especially for fine homes. And it is automatic . . . *starts itself in the morning* . . . fires itself . . . requires but a minimum of attention.

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Automatic Coal Burner
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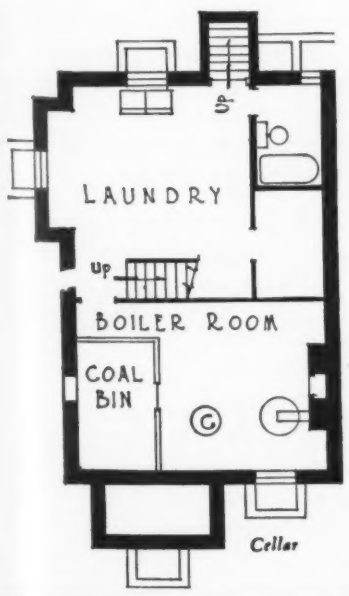

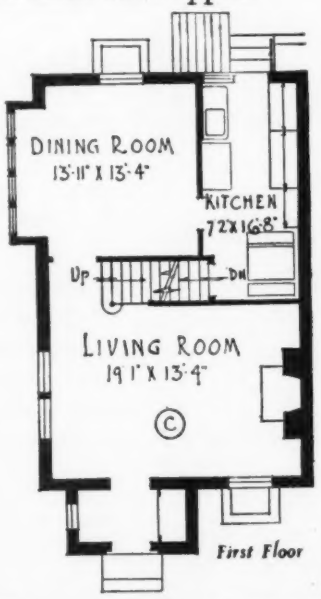

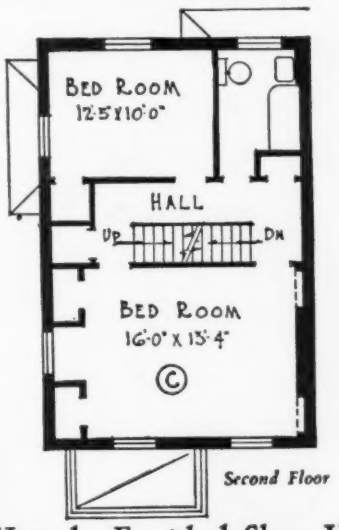

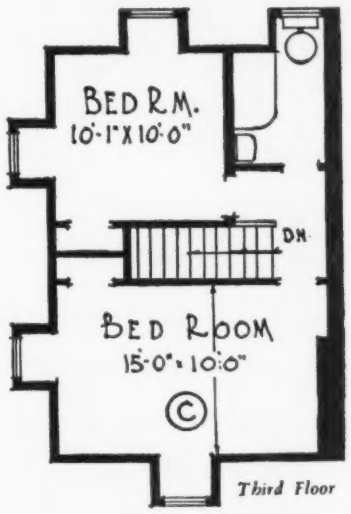

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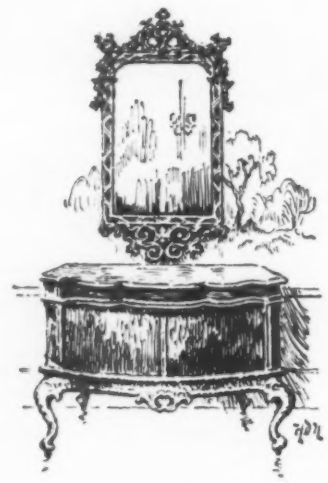

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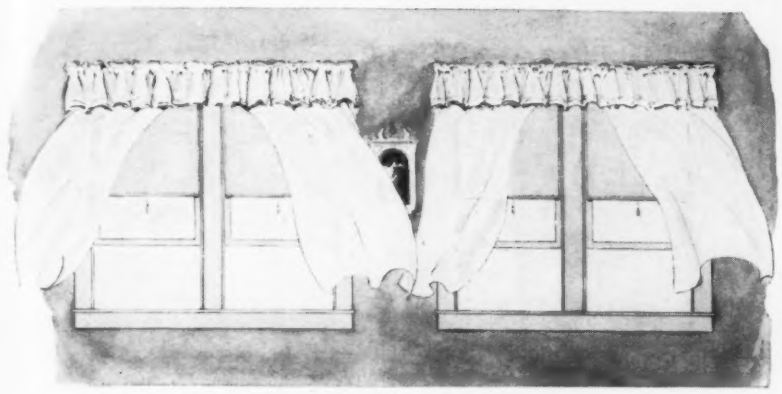

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PARK 730 AVE.

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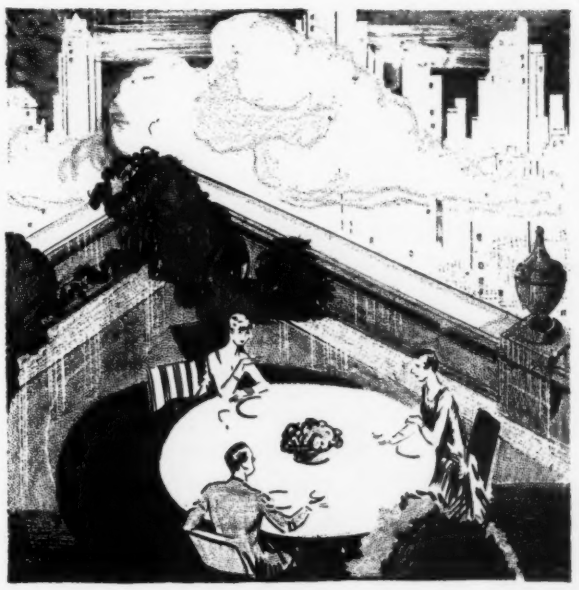

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The 4 SQUARE DEALER sells lumber plus certainty

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4-Square Lumber is labeled with species and grade by Weyerhaeuser—your Dealer delivers it to you in the *original package* just as it was shipped by Weyerhaeuser—

Exactly the species and the grade you paid for—there can be no "mistakes."

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Accurately manufactured—

Trimmed exactly square at each end—packaged—carefully protected—clean, sightly, usable.

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It was initiated by Weyerhaeuser. But don't forget to give credit to your local Dealer, who welcomed it, adopted it as his own, and who makes it work for *you*. The man you ought to go to for all your needs of lumber and other building materials as well.

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Species and Grade are Marked and Guaranteed

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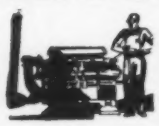

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FOR ONLY 5% TO 6% MORE YOU CAN NOW BUILD OF THIS BEAUTIFUL NATURAL STONE

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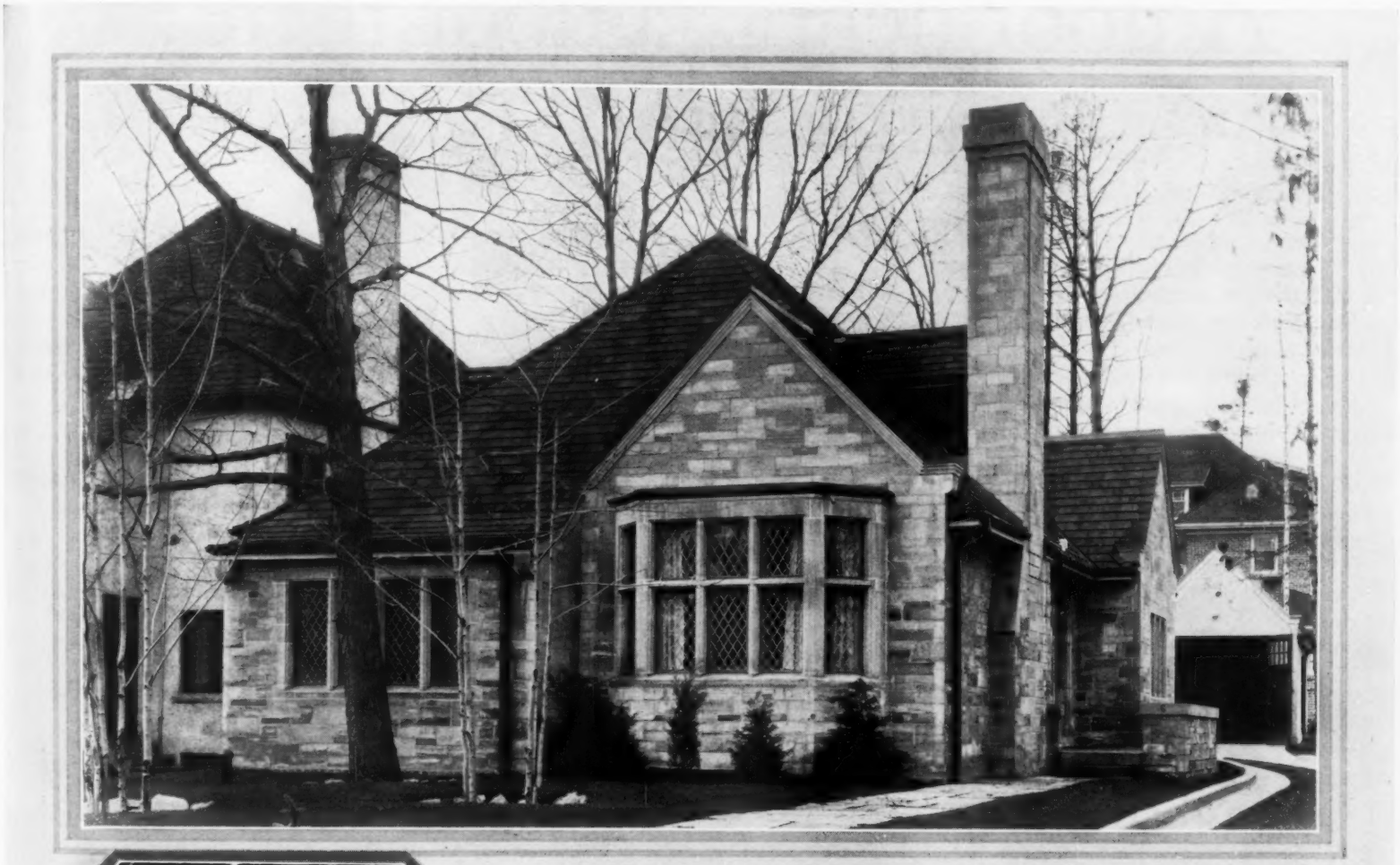

Residence, Toronto, Canada. D. E. Kertland, Architect.

Showing how Indiana Limestone is used as a veneer or facing over stud frame or hollow tile just as brick, stucco or wood is used.

A HOME built of natural stone has a charm that no other material can equal. Its beauty increases with age. Upkeep expense is largely eliminated, as no repairs are needed.

A new way of using Indiana Limestone now makes this beautiful, natural stone decidedly moderate in cost for residential construction. The stone is prepared in strips four inches thick and of various heights at the quarries and shipped direct to the building site. There it is broken into lengths, and used as a structural facing or as a veneer. Cut stone is used for trim only, but may be omitted entirely. The cost of a home faced with Indiana Limestone is only 5% to 6% more than if other facing material were used.

Why not investigate this new method of using stone in connection with your new house? Our illustrated booklet will give you complete information and show you various types of buildings constructed this way. Fill in, clip and mail the coupon now.

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Please send booklet and other information regarding Indiana Limestone Random Ashlar.

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INDIANA LIMESTONE COMPANY, *General Offices:* Bedford, Indiana - *Executive Offices:* Tribune Tower, Chicago

A door here . . . a door there . . .

but WHAT KIND *of a door?*

EXCEPT where they shall go and what they shall look like, you aren't apt to think of doors when you go over plans. One doesn't *expect* trouble with doors in a new home.

Yet, it is in a new house that doors most frequently cause trouble! Absorbing moisture from the fresh plaster, they swell and stick. Losing moisture when the house is heated, they often warp and fail to latch.

This annoyance and the expense of repairs that so many home builders confront when they move in, you can *avoid* by merely specifying what *kind* of doors you want. For there are doors available that will not swell or warp. That are positively guaranteed by the largest manufacturers in the world to give you perfect service.

These doors come in lovely woods, and in scores of fine designs, each with the name "Laminex" stamped on the bottom end.

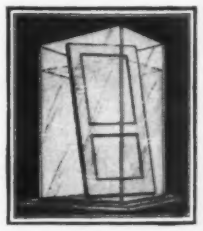
Laminex doors, in hundreds of thousands of homes, have never been known to require repairs. They are a truly trouble-proof kind.

And they will cost you very, very little more than ordinary doors — perhaps three or four dollars more for all the doors in a six-room house!

Your architect or contractor will be glad to specify "Laminex" if you suggest it. If you'd be *certain,* make a note to take it up with him immediately; doors and sash are ordered early. Or mail coupon below for name of a near-by Laminex dealer.

Hidden beneath the beautiful wood faces of Laminex doors is the secret of their rigidity: A core of warp-resistant, separate blocks — between "bulkheads" of moisture-proof Laminex cement

Doors that stick! What a bother, what a disappointment in a new *home!*



Soaked many times in tanks like this to make them warp, Laminex doors have never failed to emerge straight and true

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LAMINEX *DOORS*

Will not Shrink, Swell, or Warp

THE WHEELER, OSGOOD COMPANY
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Please send me, free, illustrated literature on Laminex doors and the name of a local dealer.

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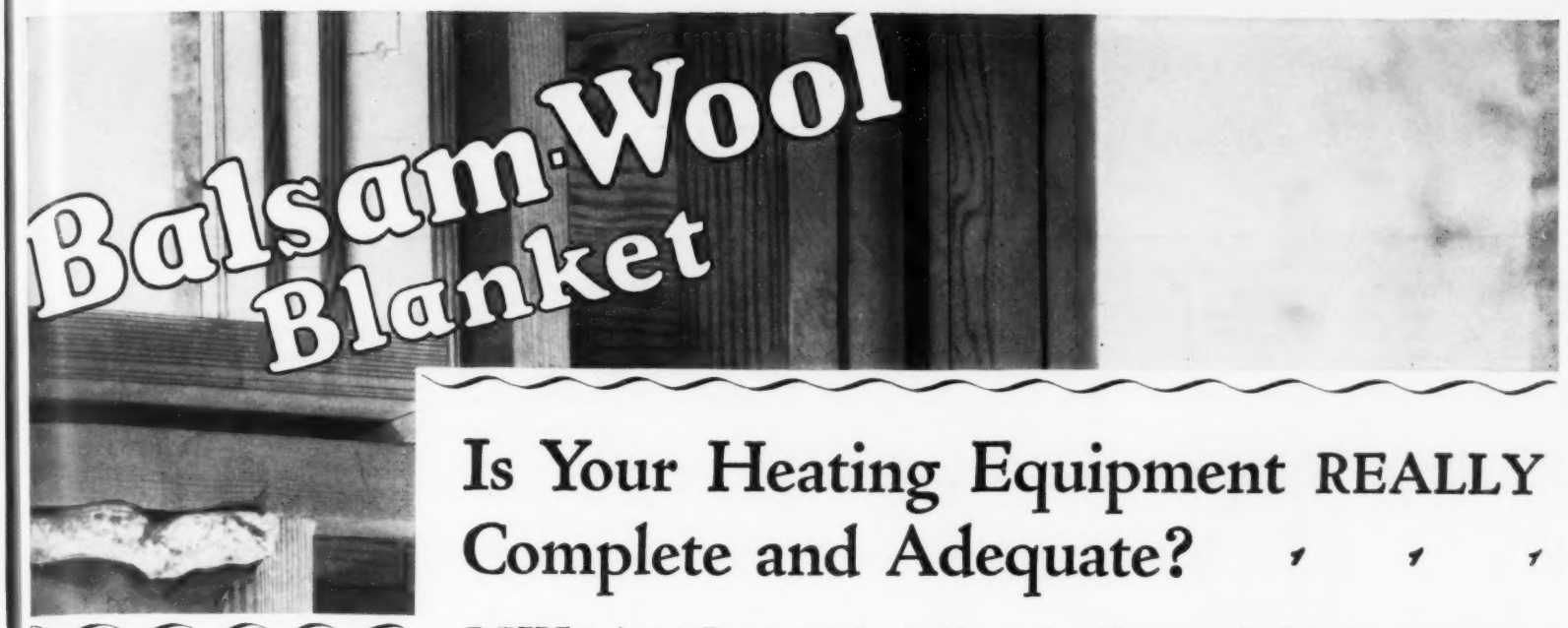

Is Your Heating Equipment REALLY Complete and Adequate?

HERE is the *test*. Does it include—besides the boiler or furnace to make heat and the radiators or registers which put it in the rooms—a *heat-saving blanket* which keeps it from leaking out through the walls and roof?

Unless it does, it is not only incomplete but inefficient. It is wasting a third or more of the fuel.

A heat-saving Balsam-Wool Blanket—*thick and flexible*—is a part of the modern heating equipment. It *heat-seals* the house—keeps the warmth in where it does good—saves the fuel. It makes a house comfortable and *economical*.

And it does it—in a new house—at little or no extra cost. The saving on a smaller boiler and fewer or smaller radiators pays all or at least a large part of the Balsam-Wool cost.

In an old house a Balsam-Wool Blanket in the attic will stop much of the heat waste—save fuel—quickly pay for itself.

Balsam-Wool is *thick* and *flexible*. An inch blanket of it tucked in well between the studding and rafters, around the doors and windows—really keeps the heat in and the cold out. It tucks in as only a flexible material can—insulates as only a thick, flexible material can. It is *true insulation*—a necessary part of the *complete* modern heating equipment.

You should know more about Balsam-Wool. Send the coupon for free sample and free booklet.

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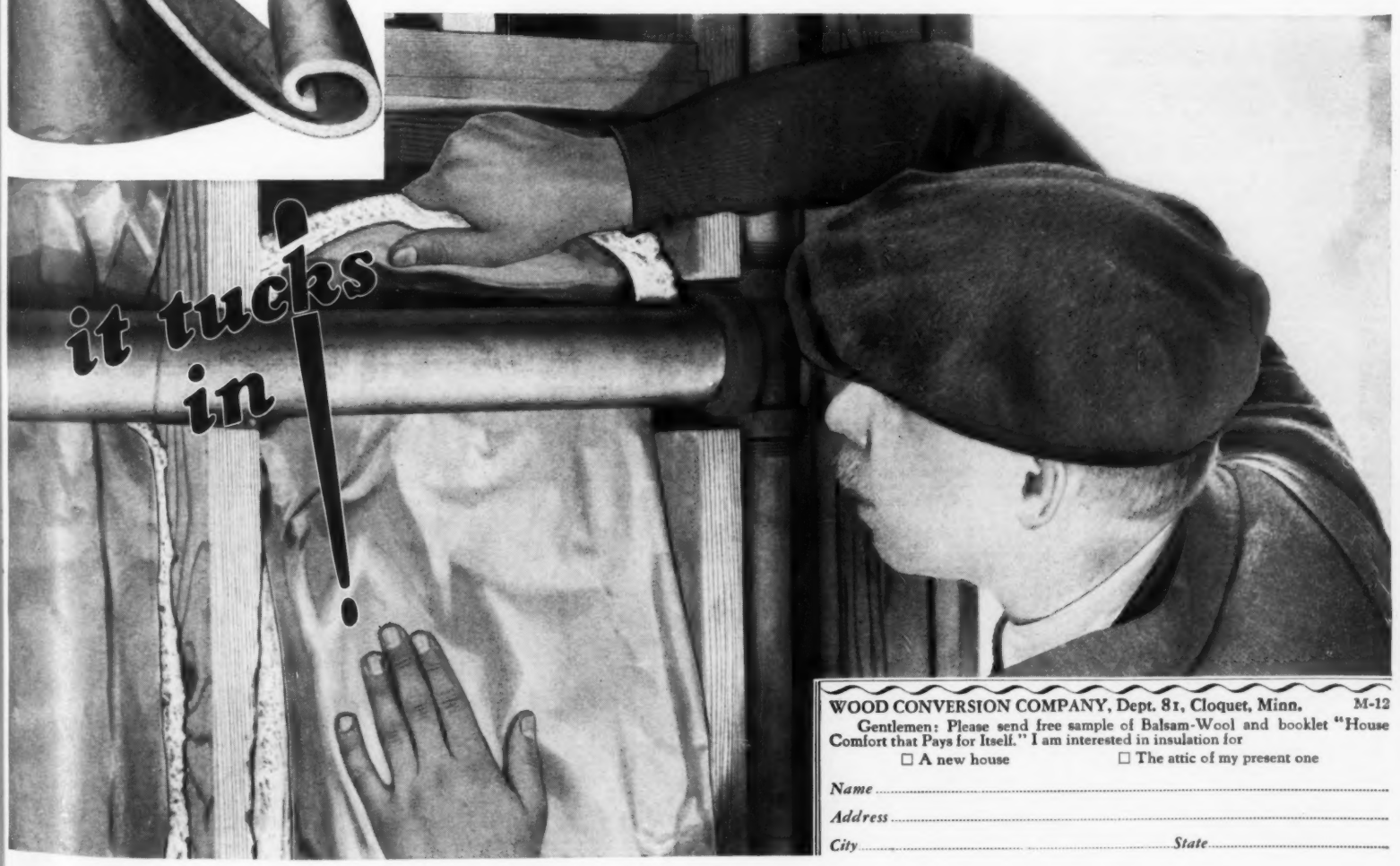

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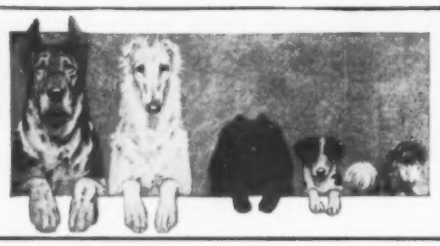
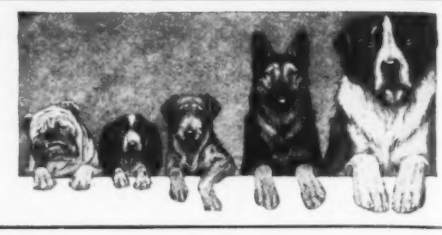


THE DOG MART



House & Garden does not sell dogs. But will suggest reliable kennels where purchases may be made

Specific questions on dog subjects will gladly be answered by The Dog Mart of House & Garden

A DOG FROM GERMANY

By ROBERT S. LEMMON

IN the course of a fairly extended experience with dogs and people I have yet to meet the person whose first sight of a Dobermann Pinscher failed to arouse more than usual interest. There is something about the mere appearance of the breed which stimulates curiosity and, in those who have a feeling for dogs, a considerable measure of admiration. The first impression he makes is of perfect symmetry, raciness and a grace rarely matched by any other four-footed creature. Closer observation confirms these features and discloses something more—genuine power of muscle and bone, intelligence and an unusual steadfastness of purpose. More than almost any other type of dog the Dobermann Pinscher grows upon you as he becomes better known, and grows favorably.

It is generally known that the Dobermann hails from Germany and that his appellation derives from an odd old fellow of the same name who, prior to his death in 1890, had taken special interest in the then unrecognized breed and made definite efforts to perpetuate it. The early specimens, however, were of quite different appearance from the dogs of today; the Dobermann as we know him now really dates from the intermixture of Black-and-tan or Manchester Terrier blood into the earlier dogs. These crosses exerted a physically refining influence and doubtless contributed largely to the beauty of form and coat.

Even from this sketchy history it is evident that the breed is not old as such things go, but neither, for that matter, is the Airedale Terrier. Antiquity is not of itself a proof of quality in any dog type; the character of the basic stock and the aims and wisdom of those who have directed its development are more important. Even a young breed can be so standardized within comparatively few dog gen-

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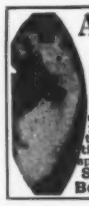

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Maidens and Brood Matrons. These dogs carry the best of bloodlines and are in a class by themselves. Prices $100.00 up.
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Golden Fawns and Brindles from Champion bred stock. If you are looking for some real puppies we have them.
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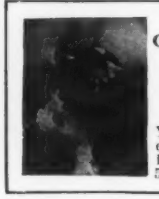

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erations that it will run dependably true to form—a statement which the Dobermann amply proves.

And his is a very fine form indeed, one which will warm the heart of anyone who likes real dogs and seeks the higher qualities which they possess. The Dobermann takes a back seat to none in appearance, courage, intelligence as distinguished from mere smartness, and whole-souled loyalty to his owner and all his owner's possessions. The unwelcome intruder never was born who could overawe him—and very few have the courage to try! His brain works with the precision of a chronometer and his supple body with eight-cylinder smoothness and speed. He has the invaluable ability to discriminate, almost intuitively, between the right and the wrong in an astonishingly wide variety of situations, and to govern himself accordingly. He is the sort of dog that you swear by instead of at—a splendid guide, companion and red-blooded friend whose reactions you soon learn to anticipate because, given a set of circumstances, you know how he will act. In this there is more comfort than the caninely inexperienced might suspect.

And it is all packed away in such a superb body! There is a deer-like quality about the movements of a good Dobermann which I have never seen in any other breed. He is a

SAMOYEDES

Puppies by Champion Yukon Mit. Outstanding Samoyede in America. Ideal Pets for youngsters or grownups.

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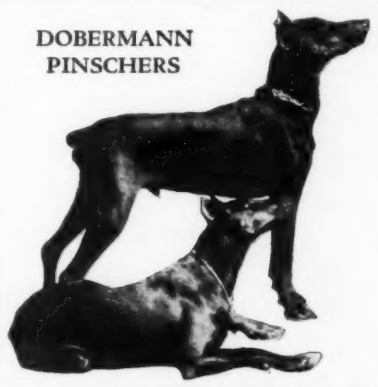

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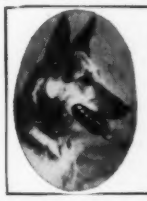

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Special Spring Sale of Police Dogs and Puppies. If you need a smart, companionable dog which will keep out intruders, write us before buying. At Stud: Three imported dogs, including Ch. Astor.

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—at our expense!

New greaseless, odorless, stainless fluid . . . imported from Holland . . . KILLS fleas, lice, all vermin instantly . . . cures mange and eczema . . . promotes healthful, glossy growth of coat . . . positive in action . . . harmless as water to both pets and humans. Please accept FREE trial plan . . . limited introductory offer if you act now!

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Try VERMEX at *our* risk

So complete is our confidence in VERMEX that we simply ask you to let one dip *prove* its effectiveness. To a limited number of dog owners who act at once, we offer this no-risk trial plan:

CHECK the coupon below. We will send you TWO regular dollar-size cans of Vermex—both for $1.00. Send no money—just pay postman on delivery. Use one can for a FREE test dip. Then, if you decide to make VERMEX a regular part of your dog's care, retain the other can as a purchase for future use. But if you are not perfectly convinced—thoroughly pleased . . . return the unused can within ten days and your $1.00 will be immediately refunded without question. Could we make a fairer offer than that? For your own sake, and for the health and happiness of your pet—clip the coupon below NOW—before this offer is withdrawn.

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I accept your special trial offer: one can of Vermex at $1.00, and one extra can FREE. I will pay postman on delivery, plus a few cents postage. If, after test-dip, I decide to return the unused can within ten days after receipt of the cans, you agree to refund my $1.00 payment. (If you prefer to pin a dollar bill to this coupon, we will send both cans prepaid.)

Name.....

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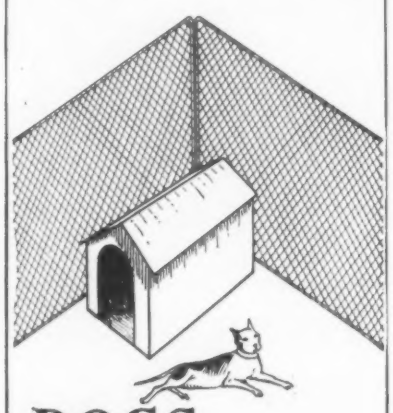

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...and husbands

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YOU know yourself that dogs seem almost human, sometimes—a great deal like husbands. They have a certain sentimental attachment to their home, providing it's a good home.

THAT'S the reason for a good kennel yard (for the dogs, of course). "Buffalo" Portable Fencing is as attractive as it is convenient. It's made in durable sections—and to build your kennel yard, you simply push the legs into the ground and wire the section ends together. Really, anyone can do it, and in precious little time. Store it in the winter.

OUR Special Assortment No. 5 will make a yard 28' x 28' x 5' high—including a gate. You can add to it later. Send check, N. Y. draft or money order for $50.50 and we'll ship you this handy set, F. O. B. Buffalo, N. Y.

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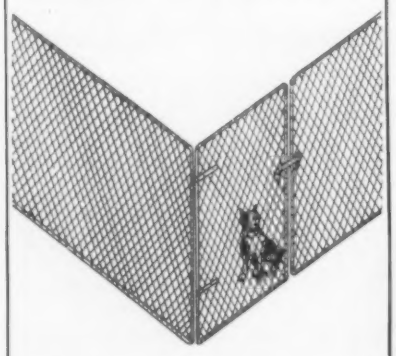

Of course, there are portable fences for all sorts of pets.

decidedly tall dog but splendidly proportioned. A study of the official "standard", describing the ideal specimen, discloses the following points which a Dobermann should have:

His head should be well proportioned to the body, long and suggesting a blunt wedge. The top of the head is quite flat and the line of the forehead extends with only a slight depression to the ridge of the nose which, in turn, is straight or only a little curved. The cheeks are flat, lips close and the jaws full and powerful. A Dobermann's eyes ought to be of medium size, dark in color and with a keen, energetic expression. Well placed ears clipped to a point, a set of strong teeth neither undershot nor overshot, and a fairly long, muscular and slightly arched neck are characteristic.

Coming to the body, look for a firm short back with well defined withers, a somewhat rounded rump and closely docked tail. The chest is arched and deep to the dog's elbow; brisket full but not noticeably broad.The belly is well "tucked up". Fore-shoulders are powerfully muscled and close to the body; forelegs straight to the pasterns. Hindquarters broad with powerfully defined muscles; viewed from behind the hindlegs are straight and turn neither in nor out. Feet should be short, compact and well arched. No dew-claws. A male stands from 23″ to 27″ high at the shoulder and a bitch 22″ to 26″.

A Dobermann's coat and color contribute markedly to his well-groomed, gentlemanly appearance. His hair is short, hard and lies close to the skin. In color it is black, brown or blue with sharply defined deep tan "points".

Many efforts have been made to sum up the Dobermann briefly, but perhaps none is more adequate than the one by E. von Otto, Bensheim, who wrote of the breed as being "Pleasant in manner and character. Faithful, fearless, attentive and a reliable watchdog. Sure defender of his master, distrustful toward strangers, possessing conspicuous power of comprehension and great capacity for training. In consequence of his characteristics, physical beauty and attractive size, an ideal house dog and escort."

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The few minutes required to brush your dog with WASCO DOG BRUSHES becomes a pleasant pastime as you find your dog's coat becoming smooth and glossy after each brushing.

Regular brushing keeps your dog's coat clean and increases circulation of blood in the skin. "Dogs brushed regularly are clean and healthy", say dog authorities.

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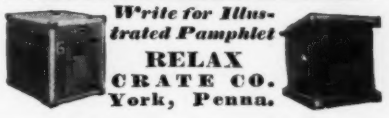

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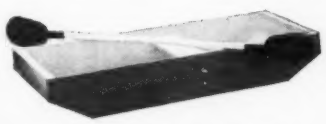

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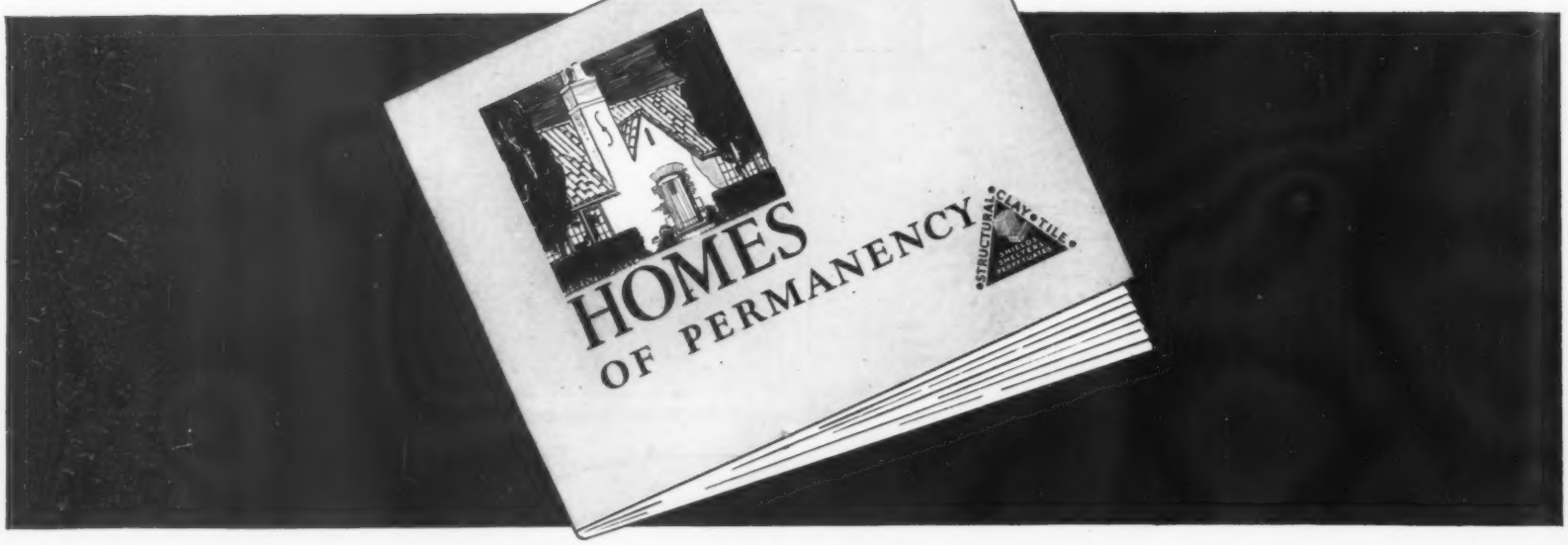

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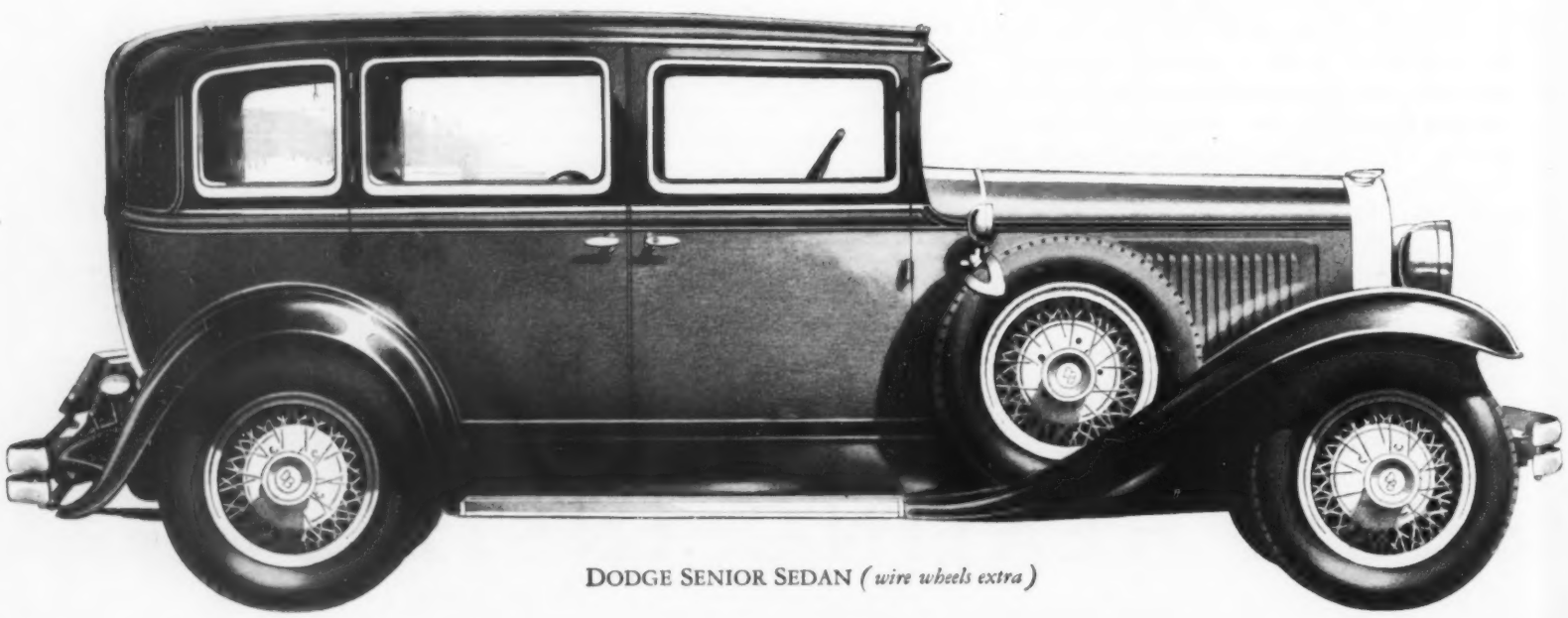

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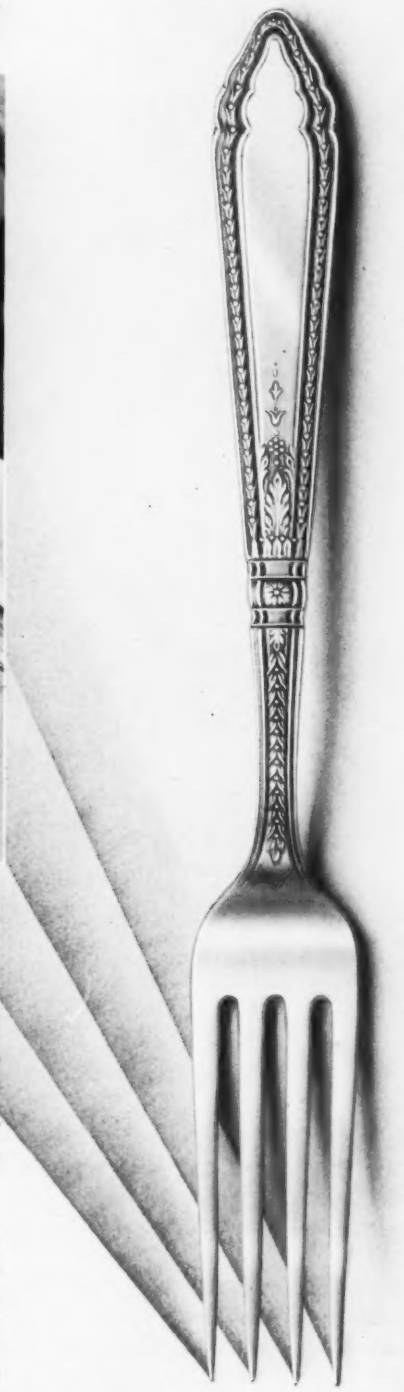

silver that truly satisfies one's sense of beauty▲▲▲

To live with beauty, to be surrounded by beauty, to use and enjoy and be companioned by beautiful things, is in itself one of the most profound satisfactions that life can give . . . Something of the charm that environs us becomes a *part* of us . . . and an attraction to which every other nature responds.

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** With stainless Mirrorstele blades, new French shape.*

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"Miller Service is as Superior as Miller Tires"

Vincent Lopez

"Miller Service is as superior as Miller Tires. Since I began to use Millers I have had to make fewer changes than ever before. Millers give the most mileage and I think the Miller tread is the most scientific non-skid feature of all."

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The new Miller De Luxe 6-ply Balloon pictured below is a new super-type tire for those who demand the utmost freedom from blowouts and punctures. It is built to give extra long mileage and to withstand the roughest service.

THANK you, Mr. Lopez! Your splendid tribute to Miller De Luxe Balloons echoes the voice of thousands–your experience is being repeated wherever motor car owners demand the unusual of tires.

Thousands of users are receiving from Miller De Luxe Balloons *about twice the mileage of ordinary balloons.* And wear that defies punctures. Due to a 50% heavier tread, you ought never to puncture these tires from ordinary causes. Because of a 60% greater carcass strength, you need *never* worry about carcass failure–the ordinary balloon's greatest enemy.

You will drive these tires many thousands of miles beyond the life of ordinary tires, and the road-gripping ability of the scientifically-designed tread will still be there–clear cut–deep–effective.

These tires should last as long as the average owner keeps his car, and, regardless of speed, road or driving conditions, they will live up to their promise of extreme durability, freedom from puncture, and slow tread wear.

These are the qualities that will bring you–and many thousands of motor car owners–tire security and satisfaction never before equalled. They are the qualities that have made the Miller De Luxe Balloon the tire sensation of a decade.

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$13.95 is the price of a 6x9 Waitex as illustrated

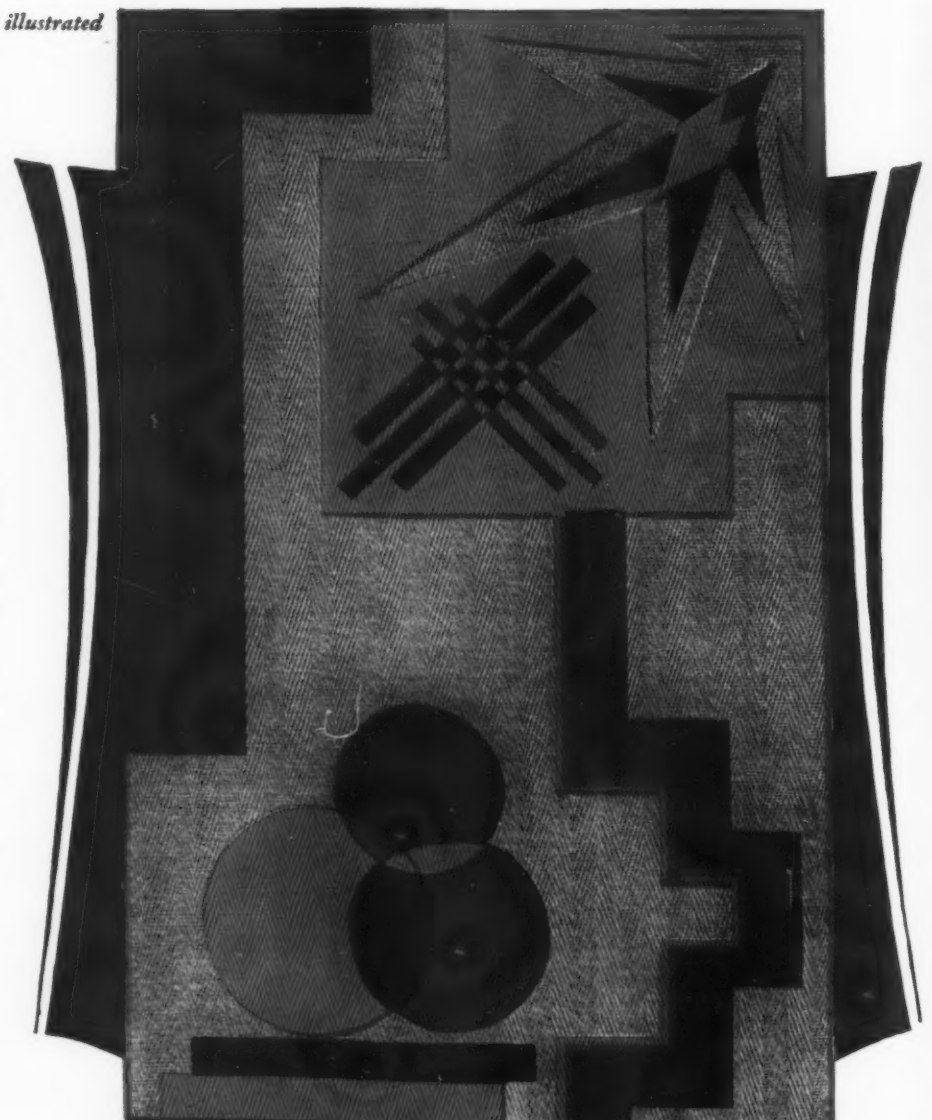
FASHION'S new rug for summer floors is Waitex. And justly so, for its neutral, non-fading surface is a media *par excellence* for the sunshine and sparkle of the rich colors of modernistic art.

The pleasure of this new summer luxury need not be expensive—a Waitex in the 6 x 9 size can be had for only $13.95. Once its brilliant colors are flung down on summer floors, a new home awaits you. Like fresh garden flowers, Waitex Summer Rugs decorate by contrast, bring indoors unrivalled summery atmosphere. Your home furnishings need not be modernistic to harmonize. In any group they will create eye pleasing gayety.

There is no other rug like Waitex. Its heavy scuffle-proof surface and stiff, unsized texture comes from a patented combination of the two preferred summer rug materials, tough Kraft fibre for the surface, and cushiony American wire grass for the body. Waitex will not curl, lies flat, is washable and its colors are non-fading.

Roll up your orientals and redecorate for the summer with a Waitex. Now—when vacations, open windows, and active feet bring greatest wear to floors, let Waitex do economical duty for your expensive floor coverings.

A portfolio of natural color photographs is ready to mail you. With it we will send you the name of the nearest Waitex dealer. Mail coupon now.



This is the Waitex Summer Rug Pattern Number 71805 Orange Design. Patent Applied For.

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SUMMER RUGS

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Please mail me a free catalog of Waitex Summer Rugs, Braided Canvas Ovals and Wool-Waite Ovals. I am planning the decoration of_____ which has rug space of_____. The firm from whom I usually purchase house furnishings is_____.

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In her lovely Newport garden she stood—a bitter, disappointed, lonely woman at 33.

It was Spring—for every one but her.

On a branch of apple blossoms a robin poured out a gorgeous proposal in song. Deep in the wistaria, tiny wrens were mating. Beyond the hedge, a curly-haired boy and a sweet slip of a girl walked silently hand in hand. But in her life there was no romance.

Why was she still single? Once she could have picked and chosen from many suitors. Now she had none. Even time-tried women friends seemed to avoid her. She couldn't understand it. . . .

Halitosis (unpleasant breath) is the damning, unforgivable, social fault. It doesn't announce its presence to its victims. Consequently it is the last thing people suspect themselves of having—*but it ought to be the first.*

For halitosis is a definite daily threat to all. And for very obvious reasons, physicians explain. So slight a matter as a decaying tooth may cause it. Or an abnormal condition of the gums. Or fermenting food particles skipped by the tooth brush. Or minor nose and throat infection. Or excesses of eating, drinking and smoking.

Intelligent people recognize the risk and minimize it by the regular use of full strength Listerine as a mouth wash and gargle. Night and morning. And between times before meeting others.

Listerine quickly checks halitosis because Listerine is an effective antiseptic and germicide★ which immediately strikes at the cause of odors. Furthermore, it is a powerful deodorant, capable of overcoming even the scent of onion and fish.

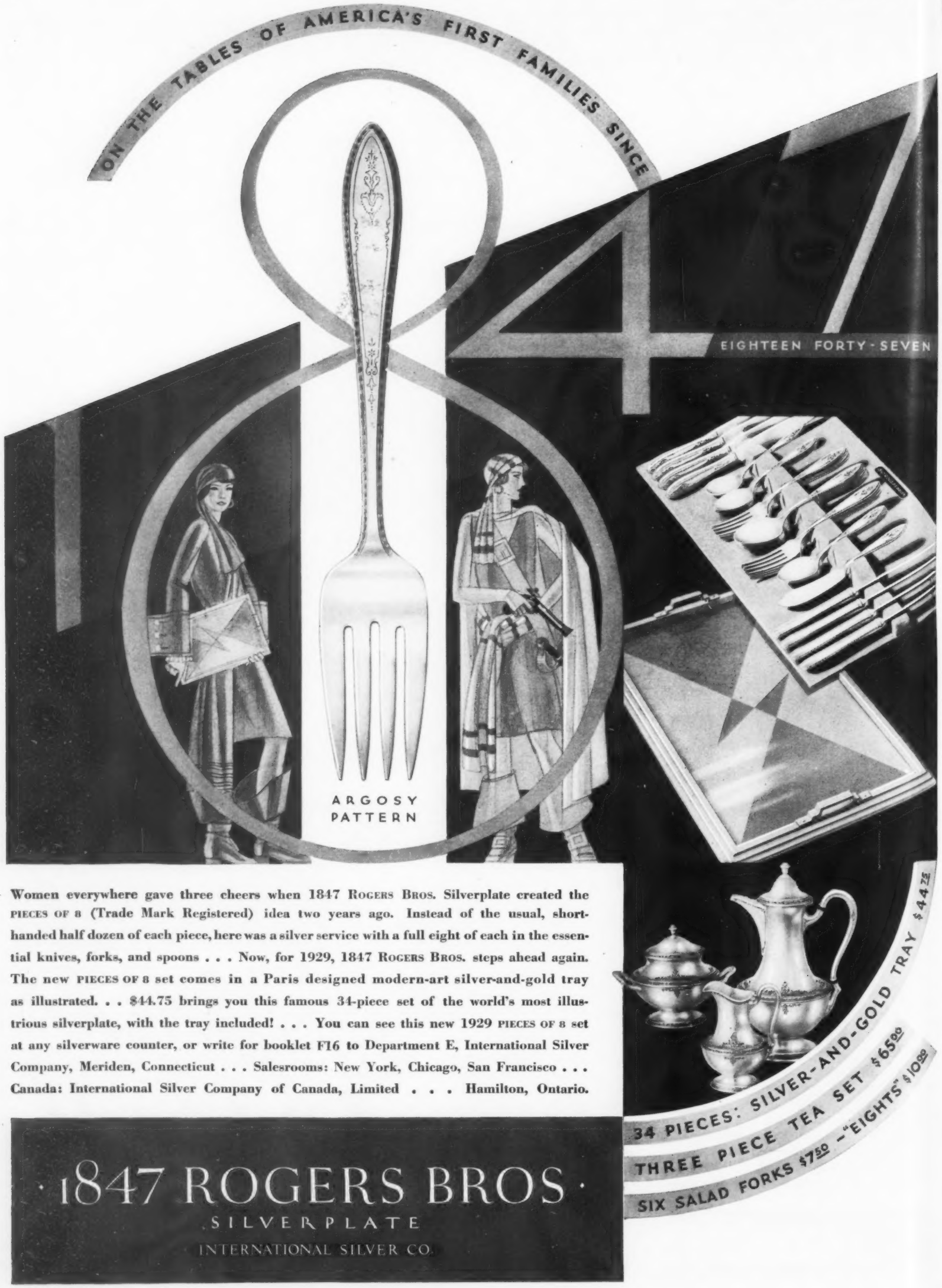
Keep Listerine handy in home and office. Carry it when you travel. Take it with you on your vacation. It is better to be safe than snubbed. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

* * *

★

Full strength Listerine is so safe it may be used in any body cavity, yet so powerful it kills even the stubborn B. Typhosus (typhoid) and M. Aureus (pus) germs in 15 seconds. We could not make this statement unless we were prepared to prove it to the entire satisfaction of the medical profession and the U. S. Government.

GREAT! That's what men say about Listerine Shaving Cream, so soothing, so refreshing.


ON THE TABLES OF AMERICA'S FIRST FAMILIES SINCE
EIGHTEEN FORTY-SEVEN
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PATTERN
34 PIECES: SILVER-AND-GOLD TRAY $44.75
THREE PIECE TEA SET $65.00
SIX SALAD FORKS $7.50 - "EIGHTS" $10.00

Women everywhere gave three cheers when 1847 ROGERS BROS. Silverplate created the PIECES OF 8 (Trade Mark Registered) idea two years ago. Instead of the usual, short-handed half dozen of each piece, here was a silver service with a full eight of each in the essential knives, forks, and spoons . . . Now, for 1929, 1847 ROGERS BROS. steps ahead again. The new PIECES OF 8 set comes in a Paris designed modern-art silver-and-gold tray as illustrated. . . $44.75 brings you this famous 34-piece set of the world's most illustrious silverplate, with the tray included! . . . You can see this new 1929 PIECES OF 8 set at any silverware counter, or write for booklet F16 to Department E, International Silver Company, Meriden, Connecticut . . . Salesrooms: New York, Chicago, San Francisco . . . Canada: International Silver Company of Canada, Limited . . . Hamilton, Ontario.

1847 ROGERS BROS.
SILVERPLATE
INTERNATIONAL SILVER CO.

PACKARD

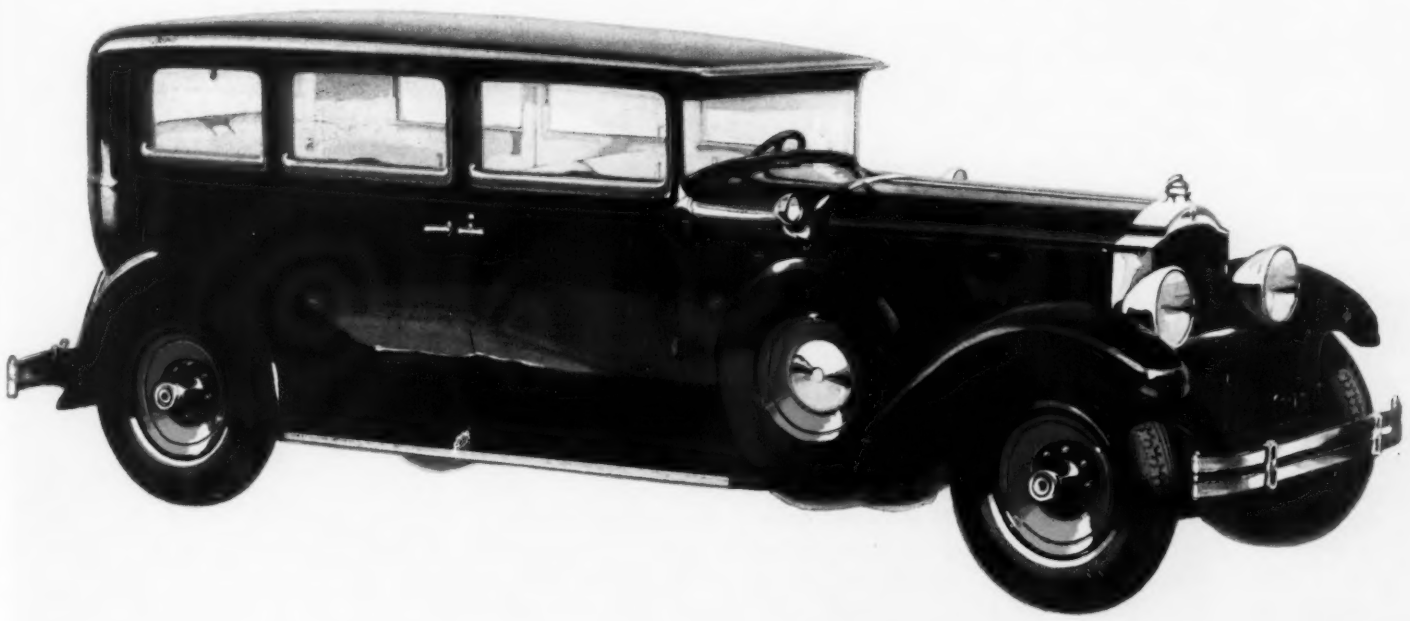
To the golden voice of Jenny Lind a cultured American public paid immediate and merited homage

The discriminating public is quick to acclaim supreme merit, in song, in architecture or in the building of a motor car —eager to take true genius unto itself, prompt to reward unique achievement.

Thirty years ago Packard cars won an immediate acceptance among those of taste and discernment. Throughout the years this appreciation has steadily grown. For Packard, proud of its quality reputation, has sought through the continual refinement and improvement of Packard cars to maintain its world-acknowledged position.

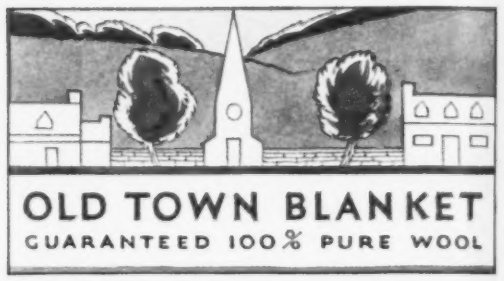
Packard cars today are finer than any of the famous Packards of the past. Ownership is more desirable than at any time in Packard's long and successful history. So it is that Packard is now enjoying its greatest and its most gratifying patronage.

ASK THE MAN WHO OWNS ONE

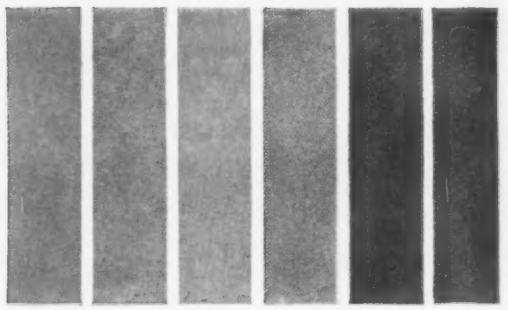


IN THE MOUNTAINS, NIGHTS ARE COOL

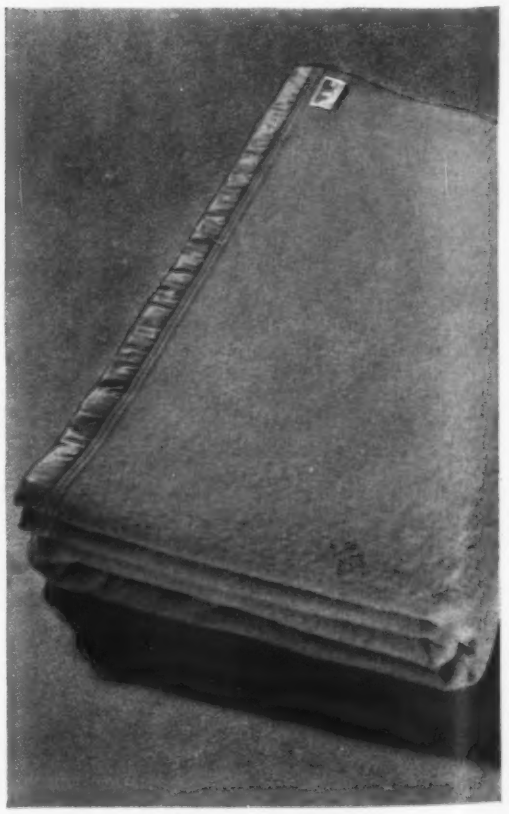
OLD TOWN BLANKET



"Look for the Old Town label"



The NANETTE *blanket can be had in any of these smart modern colors*



Old Rose—the NANETTE

FOR any night when sleep is in the air, there is luxurious comfort in an Old Town Blanket of pure wool. The NANETTE, a single blanket of long and fluffy nap, perfectly combines light weight, pleasant warmth and durability. In your summer camp, away from heat and noise, you can relax beneath its drowsy warmth. . . . You will find it equally a satisfaction when you move back home next fall.

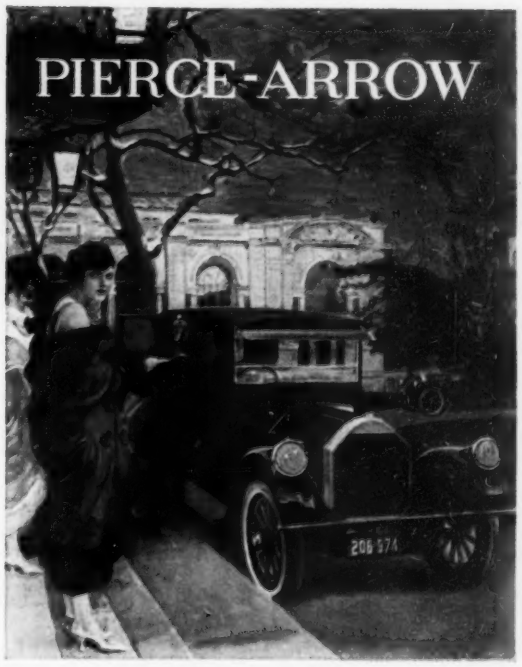
You can select the NANETTE to harmonize or contrast charmingly with the color of your bedroom. Or to complete a smart modern ensemble of bureau scarf, draperies and colored sheets. For it comes in six delightful pastel tints, in solid colors.

The NANETTE is all pure wool, yet you can buy it at a price you are accustomed to pay for blankets of mixed wool and cotton. Bound with sateen, its price is $6.

Those women, everywhere, who buy most skilfully for their homes, have seen in the NANETTE blanket a new luxury . . . and a new economy. Their orders for these blankets keep our mills running night and day. Only with production so efficient can the NANETTE be sold so reasonably.

There are both single and double Old Town Blankets of pure wool, in prices ranging from $5 to $15. Some, like the NANETTE, are made for use all through the year. Others are extra warm and fluffy for northern January nights. You will find them, in a rainbow of colors, at the better shops, and at department stores. If your dealer cannot supply you, write direct to us, mentioning his name. Address: Old Town Woolen Co., Inc., 456 Fourth Avenue, New York City. *Mills at Old Town and Guilford, Maine.*

Simon Werner painted the portrait alongside in the same setting as the one shown below, which he executed ten years earlier. Both people and Pierce-Arrows of the former day share with today's group the distinguished quality of the patrician.



The finest traditions of Pierce-Arrow

Are Reborn in the New Straight Eight

For many years our best families have owned Pierce-Arrows as a matter of well-bred habit. But this generation demands more than character in a motor car—more even than beauty and fine tradition. And the new Straight Eight by Pierce-Arrow provides lavishly against the new demands.

Beneath its distinguished hood, for example, there is a volume of power such as few cars know—and a corresponding fleetness.

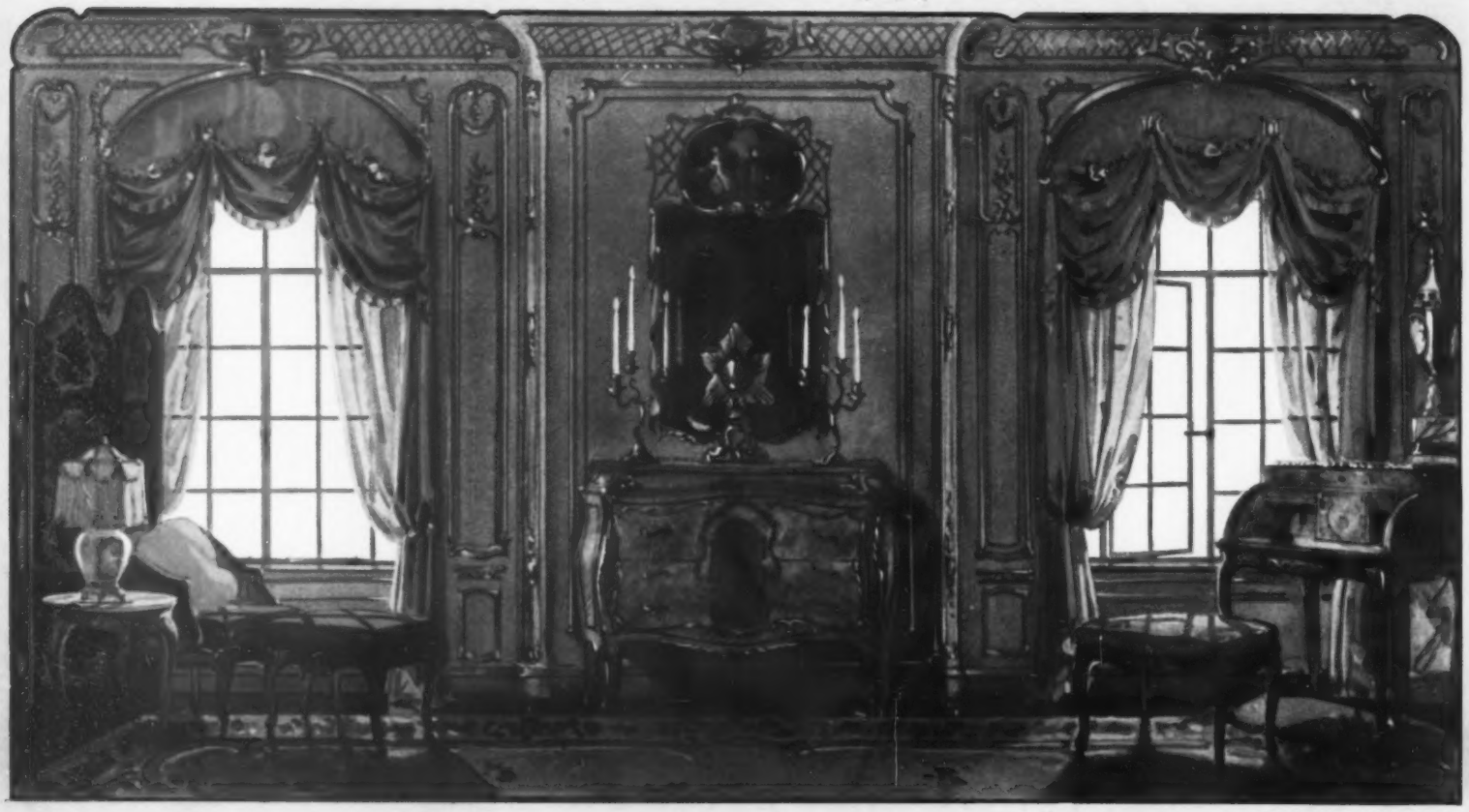
There is a slender grace, too, about this new creation, which is Pierce-Arrow at its very loveliest—a refreshing departure from the "dowager" type of fine car.

Pierce-Arrow, in short, has brought forth a new automobile out of its finest tradition, its richest experience. And that it arrives at the psychological moment is evidenced by the greatest waiting demand in Pierce-Arrow history. , , ,

Prices from $2775 to $8200, at Buffalo. In the purchase of a car from income, the average allowance usually more than covers the initial Pierce-Arrow payment.

PIERCE-ARROW

Marshall Field & Company designs a luxurious Louis XV boudoir with Fenestra Steel Casements



EIGHTEENTH CENTURY charm meets today's sophistication in this gorgeous Louis XV boudoir designed by Marshall Field & Company of Chicago, with Fenestra Steel Casement Windows as the inspiration.

"The casements with their small sparkling panes fill the tall stately window openings in a manner characteristic of the period," says the designer. "Double swing leaves in the center may be opened wide for ventilation, while fixed panes on either side and across the top protect the elaborate draperies of imported silk damask and Duchess taffeta."

The flood of sunlight admitted through these beautiful windows is reflected in the gold of mirror frame and wainscoting, and warms the gracefully carved furniture to glowing beauty. Everything about the room has that brilliance and richness so much in vogue during the reign of Louis Quinze.

Close breeze-tight against storms.

Easily washed from the inside.

Open wide for 100% ventilation.

Fenestra Casements are as practical as they are beautiful: they close tight against storms, yet open at a finger's touch; never warp, stick or rattle. Their narrow, fireproof, rolled steel sections admit a maximum of daylight. Extension hinges permit washing on the outside from within the room. Inside screens protect draperies. Fifty standard types and sizes and unlimited combinations permit their use in harmony with any architectural design. In addition, four sizes of Fenestra Steel Basement Windows offer a real service by admitting more light and fresh air to your furnace, coal, fruit and laundry rooms "below stairs." You will be surprised to find that, with all their advantages, Fenestra windows cost little, if any, more than ordinary windows. Send for Fenestra Casement Window literature.

Something New

Fenestra SCREEN *Casements*

Now, for the first time, you can get steel casements—frames, swing leaves, hardware—*and screens* complete—all made by *one* manufacturer. They're exclusively Fenestra. Theycompletely solve the screening problem.

Easily opened without removing screens.

Screens easily removed when washing windows.

Metal screens fit snugly against the inside of the casement frame. Swing leaves easily open and close *through* the screens which need not be touched. When washing windows the screens may be removed in a jiffy.

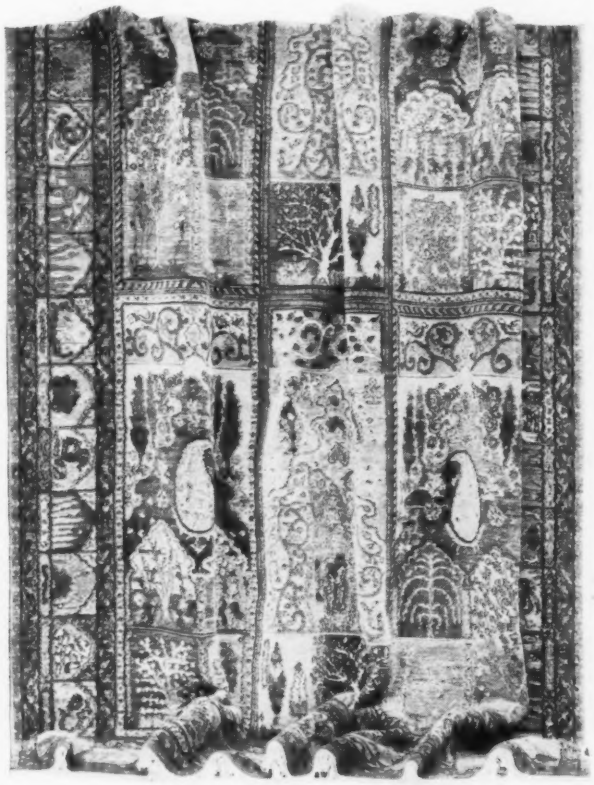
This is the most outstanding improvement since the inception of steel casement windows. Write us for details.

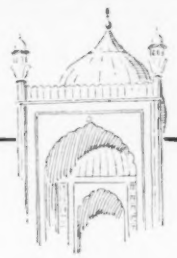
DETROIT STEEL PRODUCTS COMPANY
2249 East Grand Boulevard, DETROIT, MICHIGAN
Factories: Detroit, Michigan, and Oakland, California

Fenestra
steel casement windows

MOSQUE PRAYER RUG

Reproduction—price for 9 x 12 size is less than $200





Would you see the colors?

Rich and lovely is the design of this authentic reproduction of one of the Orient's rarest rugs. But words fail to describe the exquisite beauty of the soft flower-and-wine colors. So that you can see this in full color, and other Bengal-Oriental Rugs, we have prepared a portfolio of some of our most interesting reproductions.

Send your address with 10c in stamps and we will mail it to you. James M. Shoemaker Co., Inc., 119 West 40th St., New York.

Bengal-Oriental Rugs

THE HOUSE OF SHOEMAKER—TWENTY-THIRD YEAR

ROOKWOOD LAMPS

The Rookwood lamp is not alone an individual and distinguished lighting fixture -- it embodies also a rare Rookwood vase. Many of our agents show Rookwood lamps made up from pieces taken from their stock, and all of our dealers carry Rookwood vases which can be assembled to meet particular requirements.

Tiffany and Company, Jewelers, New York City; Marshall Field and Company, Chicago; Shervee Studios, Inc., Boston; Frederick and Nelson, Seattle; are Rookwood distributors. A store of similar quality, (whose name will be sent on request) represents the Pottery exclusively in your city. Or your direct inquiry, specifying what you want, will receive our very careful attention.

THE ROOKWOOD POTTERY CO.
CINCINNATI, OHIO

Now . . . NoMars for all furniture. Just drive them on.

Here's the new way to protect your rugs and floors

Bassick announces the "Drive-on" NoMar . . good-looking . . easy to apply

NOW your last piece of floor-scarring furniture can have its claws clipped. The new No-Mar — the "Drive-on" — makes it easy to equip even furniture not bored for caster-sockets.

With "Drive-ons" every rug is safe . . . every square foot of linoleum, every foot of polished floor . . . safe from gouging, scraping, marring. And safe with so little trouble. For "Drive-ons" drive firmly into place as easily as a nail is driven.

Their rich, unobtrusive brown blends pleasantly with the color of furniture and floorings. Their polished curves add a happy touch of refinement.

By all means get them on your furniture. For a trifling cost you can give your precious floors this last ounce of protective care.

Stop at your nearest dealer and ask for them by name . . . Drive-on NoMars — that's it. If he hasn't them yet let us know and we'll see that you get them. Do try "Drive-ons." They fill a long felt need. We have a helpful booklet that describes their use.

Shall we send you a copy? The coupon will bring it.

THE BASSICK COMPANY, Bridgeport, Conn.

Drive-on NoMars are packed 4 to a set with the handy driving tool included in each set.

Bassick Casters, NoMar furniture rests and Bassick Period Hardware are the finishing touches of excellence for fine furniture.

BASSICK

NO MAR RESTS CASTERS

The sizes and prices are:

No.	
10—1¼"	$.50 per set
20—1½"	$.60 per set
30—2"	$.70 per set
40—2½"	$1 per set

THE BASSICK COMPANY, Bridgeport, Conn.

1. Send me a copy of the NoMar booklet to help me select the right furniture rests.
2. Send me ___ sets of ___ inch Drive-on NoMars for which I enclose $ ___

Name _____

Street _____

City _____ *State* _____ HG-3

DUPLICATING ancient shapes with the old gentleness of color, or giving those shapes a full bright richness and clear lustre—such is Weller Pottery. Naturally this pottery includes beautiful holders for flowers. A Coppertone vase, for example, to echo in its green-bronze tints the stems of the lilies you may want to see soaring from it. Or a bowl in Chengtu red to offset startlingly the milky white of gardenias. . . . Some of these pottery flower holders may be matched with candlesticks, fruit bowls, and other decorative pieces. Because they are hand-made, no two are ever precisely alike. To be assured of genuine Weller, look for the Weller name and trademark on the base of each piece. Ask us for descriptive folders. The Department of Decorative Arts, The Weller Potteries, Zanesville, Ohio—*Potters since* 1872.

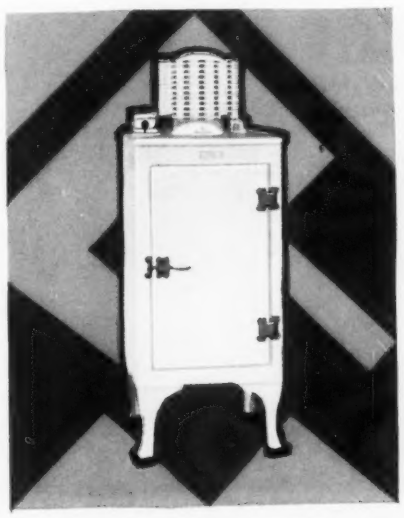
WELLER POTTERY

More than a quarter of a million users

and they haven't spent a single dollar for service

Two years ago this month the General Electric Refrigerator was first publicly announced. And how it was received! Everywhere you heard it said that General Electric had completely revolutionized the art of refrigeration. They had indeed.

Fifteen years of research and development had produced a refrigerator with an hermetically sealed, dust-proof mechanism, mounted on top . . . a refrigerator with an improved type of cabinet, mounted on legs . . . one with an accessible temperature control . . . that established a new standard of quiet operation . . . that required no oiling . . . that dispensed with all troublesome machinery . . . that banished installation problems . . . that eliminated all radio interference . . . that lowered operating costs.



This small-family model sells for $215 at the factory . . . $215

Today more than a quarter of a million homes are enjoying the exclusive innovations which only the General Electric Refrigerator offers. And not one of these owners has ever paid a dollar for service . . . that was our guarantee to them!

There has been no fundamental change in the original design of the General Electric Refrigerator. A radical improvement, however, has been made in the cabinet! It is now all-steel! It cannot warp. It is as strong as a safe. This remarkable cabinet and the hermetically sealed mechanism combine to make the most perfect refrigerator that has ever been built. For descriptive booklet address Section K-6, Electric Refrigeration Dept., General Electric Company, Hanna Bldg., Cleveland, O.

GENERAL ELECTRIC

ALL-STEEL REFRIGERATOR

Picture these

CANNON • LAVENDER • LAWN

Sheets in your guestrooms

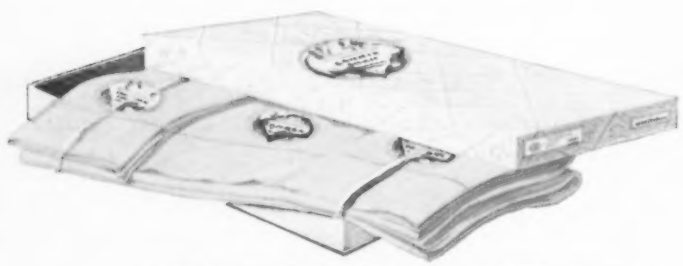
The finest sheet in the world! Azure blue, orchid, peach, sea-shell pink, Nile green, canary yellow, or snowy white. And fragrant with Old English Lavender.

When you inspect these Cannon Lavender Lawn sheets in your favorite store and approve their exquisite texture, make a mental image of your own carefully planned guestrooms. Colonial? French or Spanish? Modern? Done in rose, or green, or orchid? With a view of moonlight on the mountains, or sunrise on the sea? Picture these finest sheets in the world on the beds in your home!

Cannon quality has become an axiom. You have used Cannon towels, no doubt, for many years—in the well-known hotels of America, as well as in your own household. . . . When we started to make sheets, we did not count the cost of producing a sheet that would deserve the description "finest sheet in the world." With the markets of the textile world at our command, we chose for our new product, Egyptian cotton, famed for its long staple. This strong, supple yarn has been woven with modern scientific precision. The result is—Cannon Lavender Lawn, the only domestic sheet made of Egyptian cotton. Its texture and its finish are inimitable. Logically enough, such sheets will give you incomparable service.

You will be delighted with Cannon Lavender Lawn the moment you see its splendid package, charmed with the fresh fragrance of Old English Lavender packed with it. You will be increasingly pleased with these sheets, as you put them on your beds and observe their lasting satisfaction.

Outfit your country house as well as your town home with Cannon Lavender Lawn. These smart new sheets are sold in the better stores in a variety of convenient assortments.



For the linen chest—packages of six sheets or pillow cases. For gifts—boxes with combination of sheets and matching pillow cases. Average size in white, priced about $5 the sheet. Available hemstitched or plain.

Cannon Lineen is a standard grade sheet, also made in a full color range and white. Priced in white at about $1.75. Cannon Fine Muslin, a popular-priced sheet—likewise in colors and white. Priced in white at about $1.50. Both are leaders in their respective classes.

When buying sheets, look for the Cannon label. Sheets so labeled are made by the makers of Cannon towels. Cannon Mills, Inc., 70 Worth Street, New York City.

*Such vivacity of flavor. .'*TWOULD MAKE A DRY WIT SPARKLE!

IN the magic juice of the grape is a mood-making flavor for any menu—formal, informal or family. Small wonder, then, that the smart hostess uses Guasti Cooking Sherry freely, to infuse those qualities of good nature she seeks about her dinner table.

You'll find Guasti Cooking Sherry (now *legally* available) the same fine sherry that has made the name of Guasti so famous for years. Salt has been added to remove it from the beverage class, yet *just enough* to season other foods to suit the average taste.

If your grocer cannot supply you, send his name with 50 cents for a bottle of one of the Guasti Cooking Aids listed below.

"Treasured Flavors"

And be sure to ask for this free book of famous ways of using cooking wines. Decidedly, it's worth possessing! Address our nearest branch.

Italian Vineyard Company
operating the largest vineyard under one ownership in the world. Established 1883

Los Angeles, Calif.
1248 Palmetto St.

New York
11 Hubert St.

Chicago
491 Milwaukee Ave.

New Orleans
628 Godchaux Bldg.

Guasti

PRONOUNCED GWAH-STEE

COOKING SHERRY

(SALTED)

Permit No. L. A. Cal. H10033

The Guasti Cooking Aids

SALTED . . . For Roasts, Soups, Sauces
☐ Guasti Cooking Sherry ☐ Guasti Sauce a la Bordelaise
☐ Guasti Sauce a la Bercy ☐ Guasti Sauce a la Newburg
SWEET . . . For Fruit Cocktails, Puddings, Desserts
☐ Guasti Sweet Sherry Flavoring
☐ Guasti Sweet Port Flavoring
☐ Guasti Sweet Sauterne Flavoring
(For each bottle ordered send 50c to Dept. D-100 Postpaid)

..a practical combination of every *proved* feature of home refrigeration

WILLIAMS ICE-O-MATIC REFRIGERATION

HOUSEWIVES take no chances when they select Williams Ice-O-Matic, the most efficient home refrigerator. Williams engineers pre-proved Ice-O-Matic—subjected every feature to exhaustive tests to make sure Williams Ice-O-Matic was *right* in every mechanical detail.

Williams Ice-O-Matic maintains a steady, even, bacteria-defeating icy-cold. Its frosty food compartments are never too cold, never too warm. The daintiest of perishables are safe in Ice-O-Matic's spacious compartments. And Ice-O-Matic's double freezing capacity produces ice cubes quickly... and in abundance.

Housewives delight in Ice-O-Matic's Crysteel cabinets, interior dome light, chromium plated hardware, rounded corners, self-locking doors, and free-rolling casters. After they've inspected Ice-O-Matic and checked its features they *know* it is the best value on the market because it offers every *proved* feature of practical modern refrigeration.

Let your nearest Williams dealer tell you about Ice-O-Matic today—he will be glad to explain our helpful time-payment plan.

Williams Oil-O-Matic Heating Corporation
BLOOMINGTON, ILLINOIS

Have You Heard Williams Radio Programs?

Williams Oil-O-Matics—Tune in WJZ, WGN and associated NBC stations, Tuesday nights, 10:00-10:30 Eastern Daylight Time.

Williams Oil-O-Matics—Tune in WGN, Chicago, Friday nights, 8:30-9:30 Central Daylight Time.

Let Us Send You the Ice-O-Matic Recipe Book—Absolutely Free

Williams Oil-O-Matic Heating Corporation
Bloomington, Illinois

HG-6-9

Gentlemen: Please send me—without charge—the Williams Ice-O-Matic Recipe Book.

*Name*_____

*Address*_____

*City and State*_____

A whizzing cone gets ALL the

Orange Juice

....a glass or gallon ready in a jiffy.....

SUNKIST Junior Fruit Juice Extractor is presented and guaranteed by the California Fruit Growers Exchange for fast, satisfying, home service extracting Orange and Lemon Juice. Strong and handsome, this *proved* Extractor stands 10 inches high and weighs 6 lbs. Only two instantly removable parts to clean under faucet.

Sunkist Junior

Electric JUICE Extractor

Sunkist Junior absolutely solves the home fresh fruit drinks problem. You get *more juice* from Oranges and Lemons, *plus* time and labor saved—*and minus* the usual mussiness. For breakfast Orange Juice, for Lemon Ade, for the punch, Sunkist Junior is a happy hit. In fact, folks call it "the life of the party," whatever that means.

Here is a perfect, sightly piece of mechanism, *tried and proved* to do a great job at all hours of the day—*and night*. It's so popular with all ages in the family that keen competition is always in order as to who wins operating honors!

Sunkist Junior is on sale at department, hardware and electrical goods stores. If your dealer cannot supply you, mail the coupon together with money order for $14.95 (Canada $19.95) to our distribution office *nearest your home*. Shipment by return mail, carriage prepaid.

Keep in mind that Sunkist Junior is guaranteed by the California Fruit Growers Exchange.

FOR QUICK RETURN mail to distribution office nearest your home

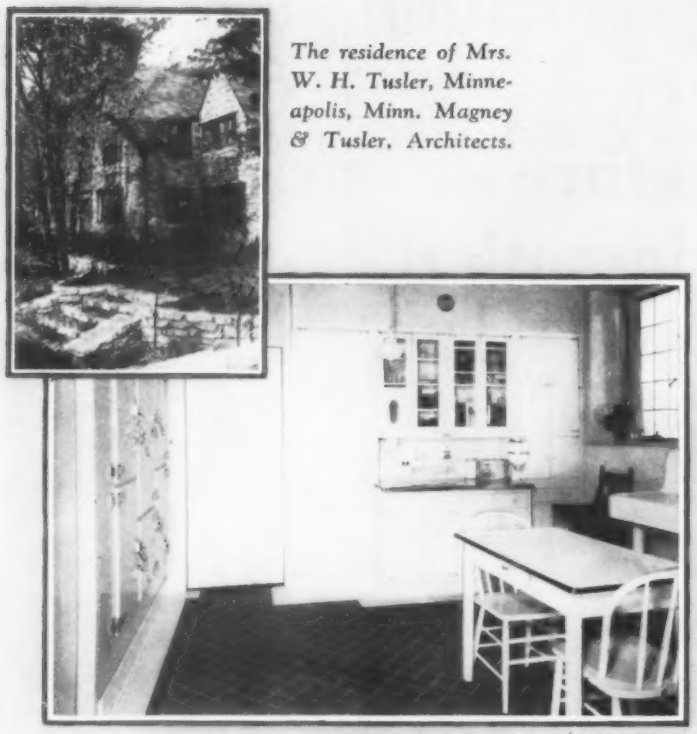
California Fruit Growers Exchange,
☐ Chicago, Ill., Div. 2606, 900 N. Franklin St.
☐ Los Angeles, California, Div. 2606, Box 530, Station "C"

My dealer cannot supply me. Money order for $14.95 enclosed for one delivered Sunkist Junior Electric Juice Extractor. (Canada, $19.95.)

Name_____

Address_____

City_____ State_____



The residence of Mrs. W. H. Tusler, Minneapolis, Minn. Magney & Tusler, Architects.

Attractive ~ ~ Efficient

IN all sections of the United States attractive homes are equipped with WHITE HOUSE Steel Units. Architects, owners and builders realize that attractiveness is essential in the kitchen as well as in the living room. White House Units are chosen because of their steel construction . . . their attractive baked enamel interior and exterior . . . because they fulfill the most exacting requirements of sanitation, efficiency and durability.

Any space used for the storing, preparing or serving of food may be filled by combining White House Units. Send for green booklet.

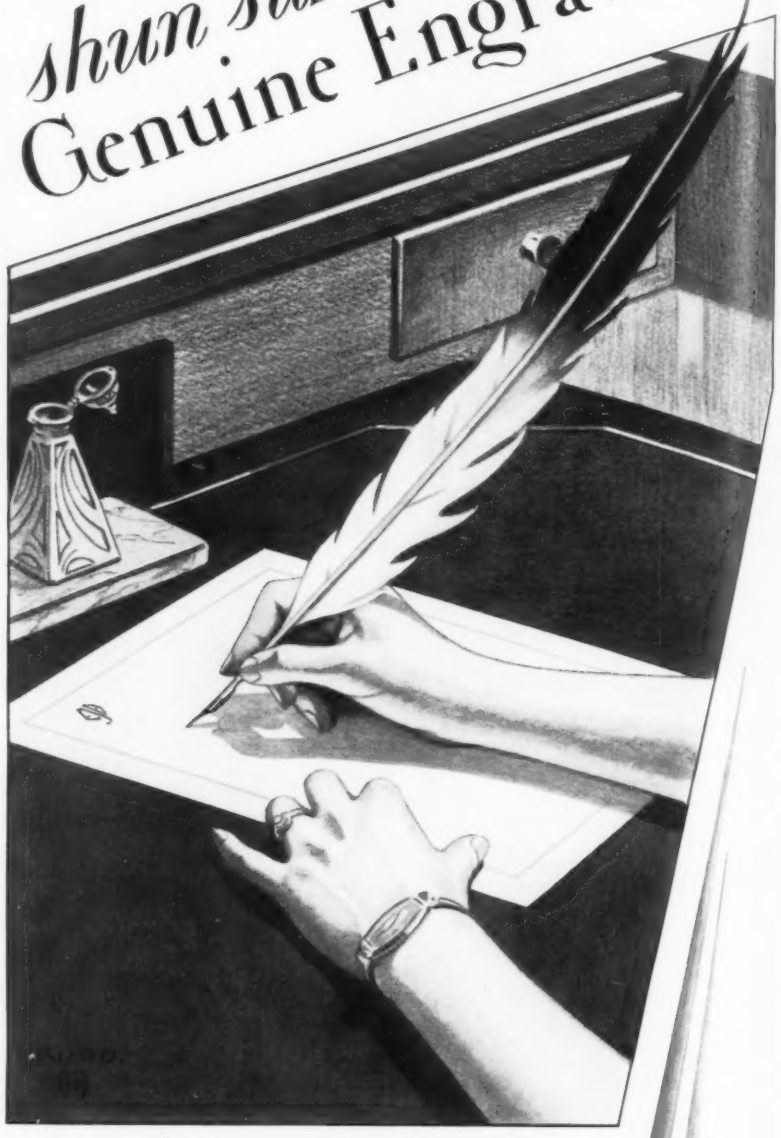
For larger kitchen and pantry layouts or special installations, send for gray catalog.

The WHITE HOUSE Line
TRADE MARK
is made of Steel!

JANES & KIRTLAND, INC.
Established 1840
101 Park Avenue New York City

ENGRAVED STATIONERY MANUFACTURERS ASSOCIATION

Those who shun substitutes use Genuine Engraving



GENUINE engraving is the unquestioned choice of those discerning folk to whom only the real makes an appeal. Social usage dictates *genuine engraving*. Makeshifts lack the essential charm and character. To be assured that your stationery and social forms follow Fashion's decree, look closely for the identifying symbol pictured below. This mark, affixed to the engraved material you buy, is your assurance of its genuineness.

ENGRAVED

Genuine Engraved Business Cards Open Closed Doors

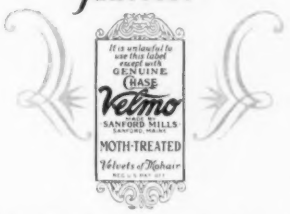
Today the Smartest Furniture wears Chase VELMO Upholstery

IN those homes where exquisite taste and a thorough knowledge of what is correct govern every purchase . . . in the shops chic women patronize . . . you'll find furniture upholstered in this most luxurious material.

Beautifully lustrous; velvety-soft; with patterns daintily demure, or as gorgeous as a Renaissance brocade, and in rich, jewel-clear colors, Velmo is . . . decidedly . . . the upholstery for your furniture.

Also . . . its amazing wear-resistance assures for your furniture, always, that well-bred look of faultless grooming.

Manufacturers beginning to identify Upholstery Material with a **Label** *for your guidance and convenience .. to protect you against inferior fabrics.*



This **Label** *an index to correct style and fabric*

CHASE

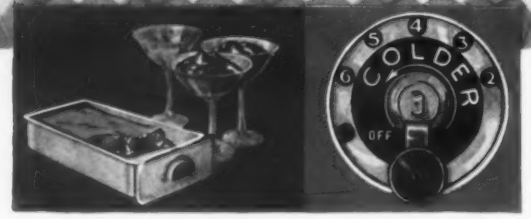
Velmo

Made by

SANFORD MILLS - SANFORD, MAINE

Selling Agents: L. C. CHASE & CO., BOSTON, NEW YORK, DETROIT, CHICAGO, ATLANTIC CITY, SAN FRANCISCO

Guests expect you to have *Friqidaire*



The Frigidaire Cold Control . . . makes possible dozens of new desserts . . . speeds the freezing of ice cubes.

They expect the abundance of ice cubes and those delicious Desserts and Salads made possible by the "Cold Control"

FRIGIDAIRE has created a new standard in entertaining. For through the introduction of the Cold Control with its six freezing speeds, you can regulate the temperature of the freezing compartment. This makes it possible to freeze dozens of delicious new salads and desserts that require extreme cold. It enables you to make more ice and make it more quickly with the same size refrigerator.

It is one reason why the electric refrigerator you buy should be a genuine Frigidaire. There are many other reasons.

Frigidaire is the quiet, automatic refrigerator. You don't hear it start, or stop, or run. It has the power to keep the food compartment below 50 degrees . . . the temperature so vital to health . . . regardless of how hot the kitchen may become. It can be moved from one place to another in your home, or from one house to another. No space need be reserved above it or around it for all the machinery is concealed and there is nothing to catch dust or dirt.

Frigidaire cabinets are beautiful. Interiors are finished in gleaming porcelain enamel; exteriors in Tu-Tone porcelain enamel or Duco. Food shelves are elevated to eliminate stooping.

And the cost of operation is so low that Frigidaire users find that it quickly pays for itself.

What else could you buy for your home that would give you the health protection . . . the convenience . . . the satisfaction or the value offered in Frigidaire? New models are now shown at display rooms everywhere. See them. Learn about the low prices and convenient monthly terms. A catalog and recipe book will be mailed on request. Frigidaire Corporation, Subsidiary of General Motors Corporation, Dayton, O.

Frigidaire Corporation, Dept. Y-400, Dayton, O.
Please send me a free copy of the Frigidaire catalog and the recipe book of frozen delicacies.

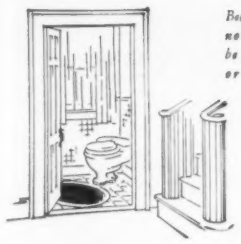
Name .....

Address .....

If you live in Canada, address Frigidaire Corporation, 1604 Sterling Towers, Toronto, Ontario.

FRIGIDAIRE

The QUIET *Automatic Refrigerator*



Because the T/N has no wall tank it can be installed in corners or under windows.

The first QUIET toilet.. at LOW COST

Wonderful advance in sanitary design—write for free booklet

THE T/N is a marked improvement in toilet design. *It has no wall tank*—is built all in one piece. Can be installed in corners or under windows—saves space in small bathrooms.

The T/N is the first QUIET toilet sold at low cost—$15 to $50 less than other "quiet" toilets.

It operates so quietly you can scarcely hear it, yet its patented "whirlpool" flushing action is powerful and complete. The T/N is non-overflowing. Remarkably free from repairs. Absolutely sanitary. Made of finest two-fired vitreous china. Ask your plumbing contractor or architect, or just mail the coupon below.

ONE PIECE WATER CLOSET SILENT NON-OVERFLOW

Patented, Pat. Pend.

T/N

ONE PIECE WATER CLOSET

W. A. CASE AND SON MFG. COMPANY,
Dept. 306, 220 Delaware Ave., Buffalo, N. Y.
Founded 1853

Please send me free descriptive literature on the T/N One Piece Water Closet.

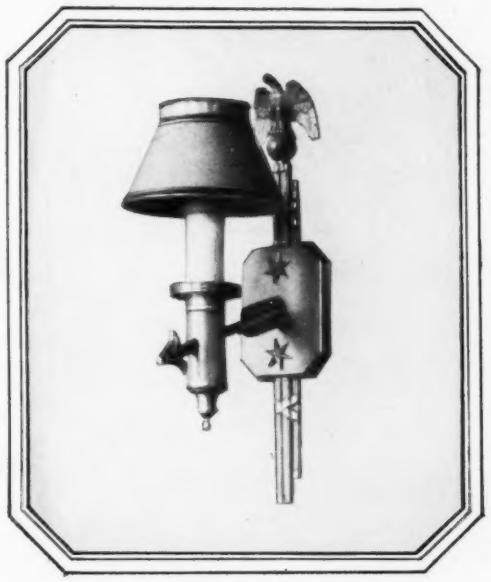
I am interested in ☐ NEW HOME ☐ REMODELING

Name .....

Address .....

Name of Plumber .....

Decorate with Artistic Lighting Equipment



For the Living Room or Study. The Metal Shade colored to harmonize with the draperies adds a picturesque note.

HORN & BRANNEN MFG. CO.

Designers *Manufacturers* *Importers*

427-433 North Broad Street
Philadelphia, Pa.

Our product sold by all first class dealers

Here is YOUR Washing Machine

Note Size of Washing 25 Pieces Done in 15 Minutes

AMAZINGLY compact, efficient, fully guaranteed. A most revolutionary washer. No drudgery washing the EDENETTE way. A perfect washing turned out in 15 minutes right on your kitchen table or wherever convenient, *without fuss, bother or slopping suds.* Think of it—you can own an EDENETTE for less than one-third the cost of the ordinary washer.

Simply drop into the EDENETTE tub an armful of clothing, such as you see in the photograph, pour in hot water and soap flakes, place on the top containing the motor driven vacuum-cup, plug extension-cord into any light socket. In 15 minutes clothes will be beautifully washed. Handles anything from dainty lingerie to a mattress cover.

Easily carried—weighs only 17 pounds—built almost entirely of aluminum. Top when inverted fits into tub. Store it under table or on closet shelf.

SEND NO MONEY!

Don't send a penny—we will ship you the EDENETTE at once for 5 Days' Free Trial *transportation charges paid.* Use it as your very own, then you decide if you wish to keep it. If not, ship it back *express collect.* You are dealing with one of the oldest clothes washer manufacturers in this country. MAIL COUPON NOW.

Note What These Users Say!

"Your EDENETTE electric Washer is marvelous—a great time and labor saving piece of machinery. From a hygienic standpointitisperfect. We have been using the EDENETTE ever since our baby came. He is spotlessly clad with little trouble. We use Ivory Flakes and our clothes are washed spotless white and soft. It certainly frees the mother from the usual drudgery with little expense."
Dr. B., New York City.

"I am immensely pleased with it—it washes all my small fine things beautifully and I also use it for rinsing them, so I hardly have my hands in the water at all. It is just exactly what I have been looking for, for some time."
Mrs. J. P., Newburgh, N. Y.

"The more I use the EDENETTE, the more enthusiastic I become. We live in a very dirty country but I find the most soiled woolen shirts, khaki trousers, and heavy socks come out clean."
Mrs. H. T., Big Creek, Calif.

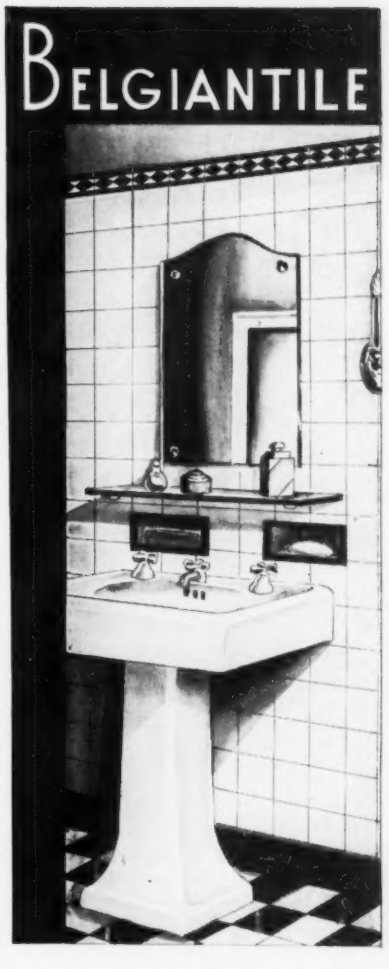
EDEN APPLIANCE CORP., Dept. 96
225 West 34th St., New York, N. Y.

Send me the EDENETTE clothes washer for 5 days' FREE TRIAL. If I keep it I will pay $46.50 cash or $4.50 at the end of trial period and $5.00 per month for 10 months until paid. Title to remain in YOU until fully paid.

Name .....

Street .....

City ..... *State* .....



—the incomparable beauty of real Tile —deep, rich colors—permanence—modern artistry in design—at a cost which even the modest cottage can easily include. This is the only and original Belgian Wall and Ceiling Tile imported into this country. In use since 1885, it has earned 12 gold medals at world expositions.

BELGIANTILE belongs in your *home.* In the bathroom its clear surface, its sparkling colors on walls and ceiling are a lasting delight; in the kitchen, how cheerful and practical! The sunroom, the patio, need BELGIANTILE; it completely transforms the entrance hall of the town house.

And of course it will last a lifetime. BELGIANTILE consists of pure Zinc sheets, covered with perfectly glazed-baked enamel. It has the added advantage of being flexible—bends to any angle or curve—adapts itself to all decorative designs. BELGIANTILE answers exactly the requirements of handsome, durable tile in restaurants, hospitals, public buildings . . . at very economical cost.

BELGIANTILE agents are located in all principal cities, so that you may see its beauty for yourself. Or write for our booklet showing patterns, colors and varied uses.

METAL TILE CONSTRUCTION CO. INC.

Sole Importer and Distributor

225 West 34th St., New York City

Middle West Representatives
Belgian Wall Tile Co.
92 North Front St.
Columbus, Ohio

New Jersey Representatives
Industrial Sales Co.
Newark
New Jersey

Enter the Duchess!

On the Wings of a Scatter Rug

THERE is nothing quite as *embarrassing*—and *dangerous* for that matter—as slipping on a scatter rug.

In this day of highly polished hard wood floor and lovely small rugs, it is a common and annoying occurrence.

Duro Gloss Rug Anchor can be cut to fit under any sized rug. It will positively hold a rug in place and prevent slipping or disarranging its position on the floor.

Duro Gloss Rug Anchor provides, in addition, a crepe rubber surfaced cushion for your rugs which adds years of wear—and makes them much softer underfoot. The coupon will bring you a piece sufficient to hold the average small rug in place. Send this in if your own store hasn't Duro Gloss in stock.

There is only one Duro Gloss Rug Anchor. Be sure of the name when you buy.

Duro Gloss **RUG ANCHOR**

J. C. HAARTZ CO.
New Haven, Connecticut

Please send me a piece of Duro Gloss, size 18" x 27" to use under one of my small rugs. Attached is a dollar bill.

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My retailer is.....

(H. G. 2)

Mrs. EDWIN M. POST *of Babylon, N.Y.*

PRIZE WINNER
March, 1929
Marlboro Contest for Distinguished Handwriting

Mrs. Post Writes:

Marlboro—A Cigarette for Those Who Can Affud 20 ¢ for the Best.

Every Marlboro full, firm and round

Mild as May

MARLBORO

PHILIP MORRIS & CO. LTD. INC. NEW YORK

IN GOOD TASTE

Slats may be adjusted to give desired amount of light.

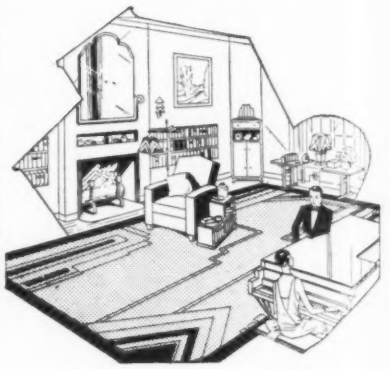
To any room, Burlington Venetian Blinds add a final touch of charm and beauty. They are extremely useful in controlling light and giving perfect ventilation.

Finished to order in any color to match your interior

BURLINGTON VENETIAN BLINDS

BURLINGTON VENETIAN BLIND CO., 280 Pine St., Burlington, Vt.

NEW FLOOR TREATMENTS *for the* Modern Summer Home



THE refreshing color and graceful patterns of DELTOX rugs bring an air of inviting coolness and hospitality to every room of your summer home. DELTOX rugs are so sturdy in construction, so smooth-lying, so adaptable to any decorative scheme, whether modernistic or conservative, and so surprisingly inexpensive, that you marvel how you ever managed without them!

You will realize this more than ever when you see these lovely rugs illustrated in actual color, in the fascinating DELTOX booklets that are yours for the asking! Full description of many of the most popular styles, with sizes, colors and patterns. Just fill in the coupon below.

DELTOX Rugs

On Sale at Your Favorite Store

SEND FOR THESE HELPFUL BOOKLETS!

DELTOX RUG CO.
Decorating Dept.,
Oshkosh, Wis.

Gentlemen:

Kindly mail me without cost copies of your new illustrated booklets on the new DELTOX floor coverings.

NAME.....

STREET.....

CITY.....

H. & G. 3

SEE IT *the new* Embossed Linoleum *with the realistic* "Raised" Tiles

THIS sensational new flooring is now on special display in better class stores throughout the country

"RUBY"... Sealex Embossed No. 3500.

"ALPS"... sunshine playing over snow-flecked mountain tops inspired this rich marbled design. Sealex Embossed Linoleum No. 3502.

"ABBEY"... distinguished for its velvety richness of colorings and its almosphere of quaint charm. Sealex Embossed Linoleum No. 3507.

"SAPPHIRE"... tones of blue like the depths of the lovely jewel it was named for. Sealex Embossed Linoleum No. 3506.

QUITE the latest development in colorful floorings—the new *Sealex Embossed Straight Line Inlaid Linoleum.* It is being featured now by leading department, furniture and linoleum stores.

Here at last is an *embossed linoleum* whose realistic "raised" tiles and clean-cut "mortar joints" faithfully recreate the charm of time-mellowed, old-world floors. There's a tempting array of designs to choose from for every room—clear jewel tones; the richest of marbled effects; soft, shadowy hues of velvety loveliness.

So splendidly practical, too, in its ease of cleaning. For as in all *Sealex Linoleums* the tiny pores of the material are sealed tight against dirt and spilled things.

Don't fail to take advantage of this exceptional opportunity to see this newest of *embossed linoleums!*

"EVERGREEN"... a delightful combination of the most favored shades of green. Sealex Embossed Linoleum No. 3508.

"CHATEAU"... the dignity of old baronial halls is brought to you in this richly veined marbled effect. No. 3503.

REMEMBER the name "Sealex." This shield appears every few yards on the face of all Sealex Linoleums.

CONGOLEUM-NAIRN INC. *Gen'l Office:* KEARNY, N. J. New York Philadelphia Chicago Boston Pittsburgh San Francisco Minneapolis Kansas City Dallas New Orleans Atlanta

EMBOSSED SEALEX LINOLEUMS

Stain-proof – Spot-proof – Easily cleaned

REG. U.S. PAT. OFF.

FREE—A helpful handbook on home-decoration: "Your Floors as a Decorator Views Them" by Winnifred Fales. Contains many ideas for beautifying the various rooms in the house.

A scientific Color Scheme Selector comes with the book. Address Congoleum-Nairn Inc., Kearny, N. J.—or if you prefer use this coupon. *(Please print name and address clearly.)*

Name ..... *Address* .....

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As Gay Music Sounded . . .

The Emperor of Rome had condemned Petronius to die. But the Arbiter of Elegance heard the news calmly . . . laughed . . . and invited his friends to a banquet surpassing in splendor.

Memorable were the happenings of that night! Goblets glittering with gold and jewels were given the guests. Petronius lifted from the table the most cherished of all his artistic possessions, a Myrrhene glass vase resembling a rainbow in brilliancy. Knowing that it was coveted by Nero, Petronius was determined that it should never touch the lips of the Roman tyrant.

"Let no hand pour from it," he shouted . . . and dashed it in fragments on the crocus-covered floor!

Then the amazing climax! Petronius had a vein in his arm opened . . . thus would he forestall the emperor's sentence! And so, surrounded by flower-crowned comrades, by gay musicians and dancers, his strength ebbed slowly away. At his side was Eunice, his beloved. Loyal to the last, she shared his fate . . . and ere his life went out, their lips had touched.

Ice tubs and other delightful pieces you will adore

Rulers and nobles have exulted in glass . . . have adorned their feasts with its gleaming charm. Countless artisans for centuries toiled to learn its secrets . . . hard-won secrets of coloring it with the rainbow's tints . . . of giving to it exquisite, fairy forms. And building upon these secrets, Heisey master craftsmen have wrought for you glorious creations.

* * *

You will adore the delicate, captivating colors . . . Flamingo, with sunset's rosy glow . . . Moon Gleam, with the soft green of meadows . . . Marigold, sparkling with golden sheen . . . and the brilliant, clear crystal. All come in complete services, to enrich your table with fascinating beauty on any occasion.

* * *

There are patterns and patterns, designs and designs, for every use, in joyous profusion. At leading stores you can make your selection. The ◈ symbol of quality tells you it is Heisey's fine glassware. Look for it *on every piece.*

Write for a copy of "Gifts of Glassware," a booklet handsomely illustrated in colors. It is yours for the asking.

A. H. HEISEY & COMPANY
303 OAKWOOD AVENUE, NEWARK, OHIO

A RICHLY INTERESTING MODERN PATTERN IN THE BEAUTIFUL MARIGOLD COLOR

HEISEY'S
GLASSWARE
for your table

Glass perfected through the Secrets of Four Thousand Years

A LOVELY COMPLEXION is innately a rightful endowment of womankind. So decide wisely the soap that is best for your complexion. Very likely the end of your search will be marked by a choice of No. 4711 White Rose Glycerine Soap. Thoroughly cleansing, yet kind to delicate skins—and exquisite in scent. (And withal, a soap that wins instant approval from virile husbands and athletic sons!)

White Rose Glycerine Soap

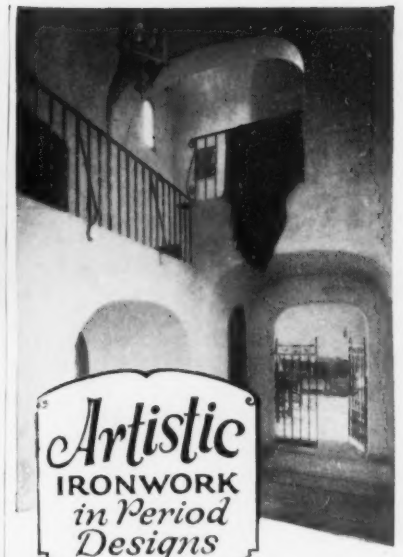
Made in U. S. A. by
Mulhens & Kropff, Inc.
25 West 45th St., New York

For awnings
and other materials
exposed to sunlight and rain

the exceptionally fast
INDANTHREN COLORS
should be used exclusively

GDC

GENERAL DYESTUFF CORPORATION
230 Fifth Avenue, N. Y.



Artistic
IRONWORK
in Period Designs

Beautify with Iron Railings

WITHOUT any appreciable addition to the cost of any new building, you can add immeasurably to the value by specifying Cincinnati Iron Railings, thus giving a touch of distinction and individuality, and transforming—"just a house"—into one that is "different."

Ornamental iron railings, fences, entrance gates and window guards of attractive, yet modest design, will enhance the beauty of any home. The dominant features of Cincinnati Iron Railings are their attractiveness of design, durability and quality construction.

Catalog on request—estimates cheerfully given—orders filled promptly.

CINCINNATI IRON FENCE CO., Inc.
3375 Spring Grove Avenue
CINCINNATI, OHIO

Face to Face
with an Embarrassing Fact

How difficult it is to keep the indoor toilet out of sight! This, alone, has brought about the immense popularity of the

Zundel
SANITARY TOILET CHAIR

Cloaks toilets completely; easy to clean; installed in a few minutes. Colors and designs to match perfectly any decoration scheme.

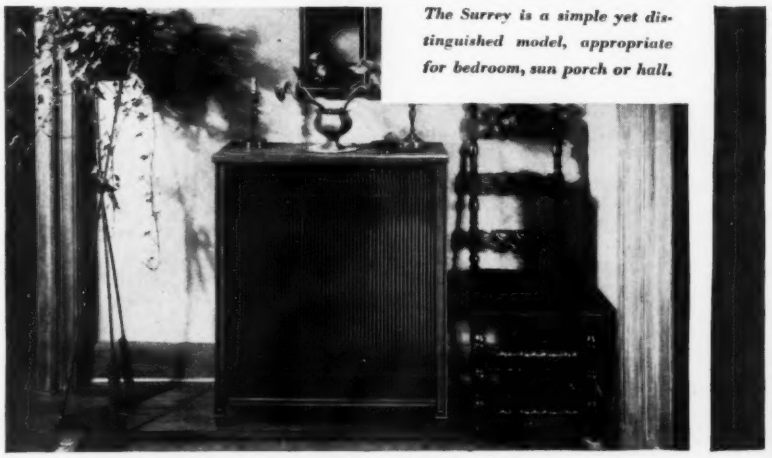
Ask your plumber or write for portfolio of designs.

KILLZUN, INC.
2922 TRIBUNE TOWER, CHICAGO, ILL.

No. 364—CX
REGAL TYPE
for Oval Bowl
White $40.00
Colored $45.00

Other Styles
$20.00 to
$185.00

All Prices
F.O.B. Factory



The Surrey is a simple yet distinguished model, appropriate for bedroom, sun porch or hall.

"It's the first step *in modernizing your home*"

"... but first of all cover up your ugly old-style radiators. There's nothing more unattractive — nothing more out of keeping with modern ideas of home beauty."

Built by heating experts, Hart & Cooley radiator enclosures not only hide awkward radiators and protect hangings. They also efficiently distribute humidified heat at the living level of the room, adding greatly to comfort. They're made of finest grade furniture steel in beautiful designs and finished to match your rooms. A special summer discount is now in force. Don't fail to make this saving.

MAIL THIS COUPON—TODAY!

The HART & COOLEY MFG. CO.,
New Britain, Conn.
Gentlemen: Please send me booklet illustrating your radiator enclosures and name of your nearest dealer who can quote me your summer discounts.

NAME.....

ADDRESS.....

The HART & COOLEY MFG. CO., NEW BRITAIN, CONN.
Experts in Heating Equipment for 25 Years

The
Beauty Spot
in the **Bathroom**

THE modern mode of exquisite bathrooms has created this new decorative steel medicine cabinet—the Morton "Vanitie Venetian". Large, beautiful mirrors artistically etched, movable wings, a deep roomy cabinet concealed by the center mirror—here indeed is a luxurious fixture that will grace the finest new bathrooms and add distinction to remodeled bathrooms.

MORTON
MEDICINE CABINETS

Made of steel, to recess or hang on wall. Installed in a few minutes. White enamel finish permanently baked on. Sanitary—easily cleaned—last a lifetime. Plate glass shelves. 11 models, priced from $6. Sold by leading lumber and building supply dealers, plumbers, etc. Mail coupon for FREE BOOKLET showing new styles in medicine cabinets.

Morton Manufacturing Company
5188 West Lake Street, Chicago, Ill., U. S. A.
Without obligation, send FREE Booklet on new styles in medicine cabinets. H.J.

*Name*_____
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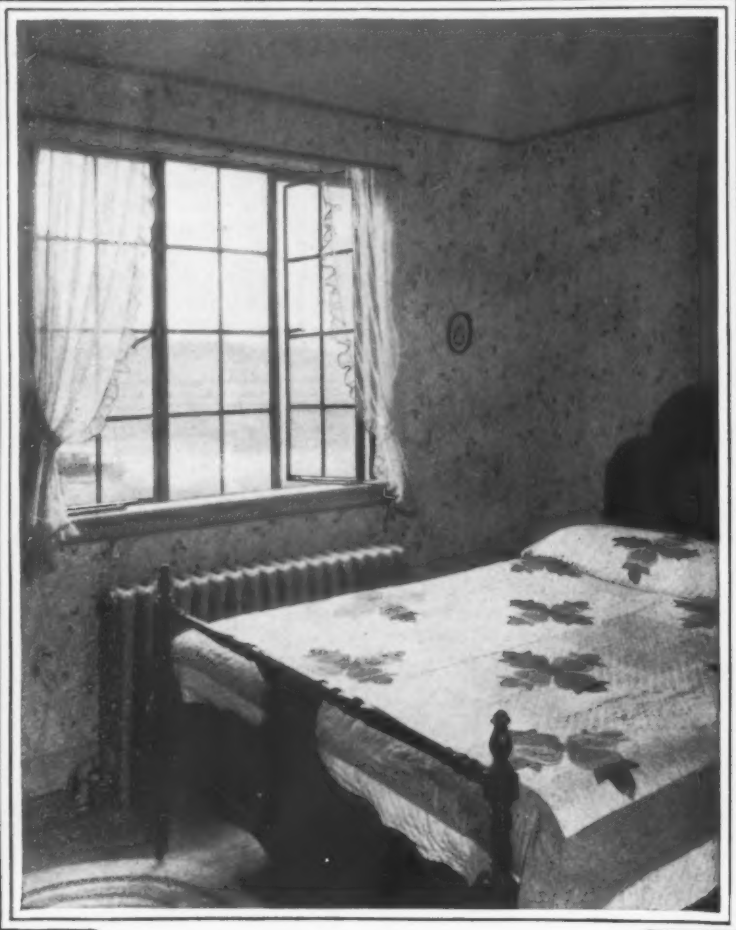


Instantly adjusted automatic-locking Casements

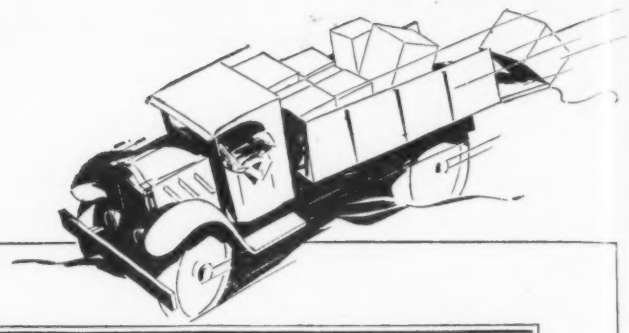
Your inner-screens can stay closed at all times when Win-Dor operators control the sash *through* them. These operators swing casements open or shut at a touch—then, upon release, lock the sash automatically in place. Win-Dor devices won't rattle, rust, jam, or corrode. They're inexpensive and they fit all wood or steel sash. Endorsed, both for beauty and convenience, by leading architects and decorators.

This handsomely illustrated brochure tells all that you've long wanted to know about casements.

A fascinating, beautiful book. Send for it today, enclosing ten cents.

Win-Dor
CASEMENT HARDWARE

THE CASEMENT HARDWARE CO.
402-C North Wood Street · *Chicago, Illinois*
CASEMENT HARDWARE HEADQUARTERS



Make your yard a . . . . . SAFETY ZONE

FOR youngsters to be happy and healthy they must stage most of their activities in the sunshine. But the motor has made the country road a city street. You must give them protection.

A Wickwire Spencer Chain Link Fence solves the problem.

It is not only good looking, strong and durable but is so inexpensive that you wonder why you have not had one installed long ago.

Write our home office and they will send you details. There is a local sales and erecting representative near your home.

Don't be startled by every cry from the street.

WICKWIRE SPENCER STEEL COMPANY
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WICKWIRE SPENCER
Chain Link Fence

Over One Hundred Highest Awards for Superior Merit—President Coolidge Gold Medal, Garden Club of America Gold Medal, etc.

Part of Spring Garden of one of our patrons, in which effective use has been made of Superior Tulips.

The Joys of Superior Tulips

TOO few gardens reveal that wonderful blossoming glory that proclaims, so surely, the planting of *Superior* Tulips. Blossoms alone tell the story of class and breeding . . . a true story, varied in color and form, that never fails to voice itself through *Scheepers' Quality Bulbs*. Specializing in the discovery of sources, and in the selection of varieties, we have long served those garden lovers whose primary demand is quality. As an illustration of Scheepers' quality, and to give you in your garden an example of ultimate perfection in Tulips, we are offering four assortments of our own choosing, affording in their choice, color harmony, height, form, and range of texture that will be a revelation. These assortments will be known as

MR. SCHEEPERS' OWN SELECTIONS

Only the finer varieties are here assembled. Each has the benefit of Mr. Scheepers' personal judgment. Economy in price is secured through our large purchasing connections.

Selection No. 1—100 bulbs $15
Selection No. 2—100 bulbs $25
Selection No. 3—100 bulbs $50
Selection No. 4—250 bulbs $75

Your order, if entered at an early date, will be transmitted to our staff of experts abroad, who are skilled in the selection of the superior portion of the bulb crop. We pride ourselves on this service, for *superior quality* is thereby assured our patrons.

This superiority is limited. Only a small proportion of any season's crop is sufficiently fine to meet our standards. It is, therefore, advisable to order NOW for fall delivery. Later orders will be filled from such reservations as we have made to provide for this contingency.

"BEAUTY FROM BULBS"

The 1929 Edition of our book-catalog "*Beauty from Bulbs*,"—over 200 pages, library binding, profusely illustrated with 54 full color plates, and with abundant and inspiring text, is ready. You will find it instructive and absorbingly interesting—a volume of great intrinsic beauty. Price $5—to be deducted from an order amounting to $15.00 or more.

John Scheepers, Inc.

Flowerbulb Specialists for more than a Quarter Century

522 Fifth Avenue, New York City

(Guaranty Trust Building, at 44th Street)

Protect the *Things You Love* ‹‹ the things that make up *Home*

June, the month of roses—of brilliance and gayety in the garden. Lawn, shrubs and flowers impressively beautiful in their new garb. Each June finds the home in a richer, lovelier setting.

Protect this beauty, these cherished attributes of home, with a Cyclone Fence enclosure. Cyclone merges with the background of shrubbery and harmonizes with attractive surroundings. Affords privacy, yet does not obstruct sunlight and air. Cyclone is the nation's standard of fence protection. Available in many appropriate styles, in wire and iron, for city and suburban residences, and estates. New ideas on the application of Cyclone Fence for greater beauty will interest you. Write for free booklet.

All chain link fence is not Cyclone. This nameplate identifies the genuine Cyclone Fence.

Cyclone Fence

REG. U.S. PAT. OFF.

CYCLONE FENCE COMPANY, *General Offices:* Waukegan, Ill. BRANCH OFFICES IN ALL PRINCIPAL CITIES

Pacific Coast Division: Standard Fence Company, Oakland, Calif.

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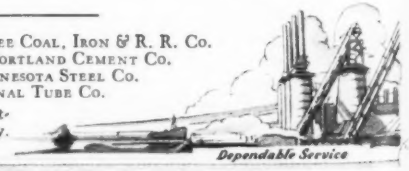

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ACME ALL ROUND SPRAY
Sweep Your Garden Clean With One Shot
Save your roses, plants, vegetables, shrubs and trees from the ravages of chewing insects — sucking insects—blights and fungi. Requires no technical knowledge or skill in using. The three best poisons, Arsenate of Lead, Nicotine, and Bordeaux Mixture, in tightly covered tin can—easy, economical, safe. Get free "Spraying Guide" from your dealer.
Acme White Lead & Color Works
(Insecticide Division), Detroit
ACME
ALL ROUND
SPRAY

THE GARDENER'S SCRAP BOOK

SOIL PREPARATION VERSUS WATERING

FOR general gardening the most valuable soil, physically speaking, is that which is of such consistency that it retains moisture for the longest possible time. To this end its absorptive power must be high—a quality which also connotes easy passage for plant roots and the ability to make available for them whatever food exists in the soil. Where such a condition is found the necessity for artificial watering in dry weather is lessened—always an advantage because, when the garden has to depend upon the hose or watering can, its inhabitants too frequently suffer from either a feast or a famine.

The way in which a soil is prepared before planting has a great deal to do with its ability to catch and conserve moisture. You can hardly overdo the digging in of compost, old manure and other sources of plant food and humus. Such materials should be mixed in deeply—two feet is none too much for an herbaceous border—and they ought to extend right up to the surface. Since their tendency is to disintegrate quite completely in a few years they had better be replenished in the upper part of the bed each fall, though there is no need of digging over the whole depth oftener than once in four or five years, provided it was prepared right in the first place.

DAMAGED BROAD-LEAF FOLIAGE

A GOOD many of the leaves of deciduous trees or shrubs can be bruised and broken without much harm to the well-being of the plant itself, but not so with the broad-leaved evergreens. With these invaluable members of the shrubbery family the breakage of even a few of their leaves often gives foothold to serious diseases which are extremely difficult to eradicate once

THE GARDENER'S BED BOOK

By

RICHARDSON WRIGHT

Editor of "House and Garden", author "Practical Book of Outdoor Flowers"

These delightfully witty "Long and Short Pieces" for gardeners to read each night are selected from Mr. Wright's own rich garden journals.

Illustrated $2.50

Also by Richardson Wright

Forgotten Ladies
Daring femininity. $5.00

Hawkers and Walkers in Early America $5.00

LIPPINCOTT

TRIM HEDGES

By ELECTRICITY

with the ELECTRIMER

ALSO SHRUBBERY, BUSHES, AND LAWNS

So light a lady can use it with one hand. Does as much work as fifteen men with the old hand shears. Pays for itself in one day's work. The Electrimer is sold strictly on a Money-Back Guarantee. Purchase price will be refunded if you are not satisfied, after 5 days' trial. Price $34.50. Order from this ad or write for descriptive literature.

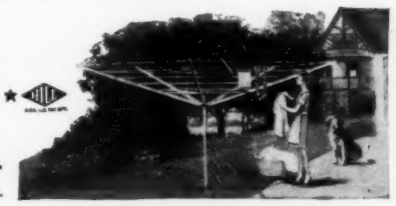
THE ELECTRIMER CO., BOX 18, KENS. STA., BUFFALO, N. Y.

Dealers and Representatives write for special sales proposition.

Clothes Yard Only on Wash Day

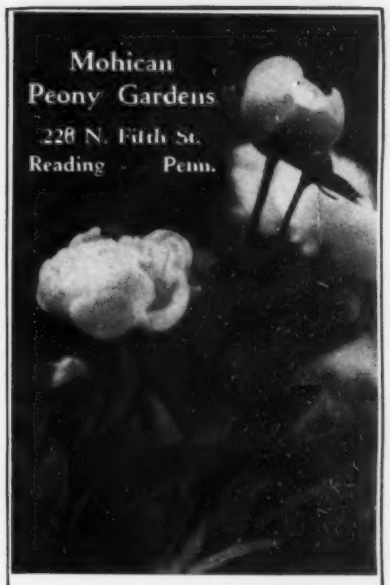
Hill Clothes Dryers give the satisfaction that the appearance of the back lawn is unmarred by unsightly posts or pulleys. Top easily folded up and complete dryer stored away when not in use.

Give 150 feet of line within each reach. Built to last a lifetime. Write for booklet G.



HILL CLOTHES DRYER CO.
52 Central Street, Worcester, Mass.

HILL CLOTHES DRYERS



MOHICAN PEONIES are known as aristocrats. For thirty years we have been offering the finest one hundred peonies, making changes in our list from time to time as newer originations have proved their worth. Our selection is based on quality alone—beauty of flower, vigor of plant—whether the root sells at one or at fifty dollars. And not only do we have the finest varieties obtainable, we have only sturdy, true stock of these varieties.

Send now for our new free catalog

Dreer's Ten Great DAHLIAS

Ambassador (Cactus). Soft yellow, center with salmon, amber and pink shadings. . $1.00 each
Avalon. Clear yellow Decorative. . . $1.00 each
Cigarette (Hybrid Cactus). Creamy white heavily edged bright red. . . . . $ .75 each
Ellinor Vanderveer (Decorative). Glowing satiny pink. . . . . $2.00 each
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THE GARDENER'S SCRAP BOOK

they have become established. Apparently the normal leaf has outer protective tissues whose function is interfered with by what might seem to be insignificant injuries.

So care should always be exercised in handling the broad-leaves, especially at planting time and during this month when the blossoms of many of them are at their finest. When any of the foliage does happen to be injured, it is far better to remove it completely than to leave it dangling. By nipping off a damaged leaf where it joins the stem you will help to maintain both the health and the appearance of the shrub.

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BY this time the earlier plantings of Gladiolus are well above ground in many localities and before long will be in need of some sort of support to keep them from being blown over by heavy winds. Like most other tall-growing plants, it is at such an early stage of growth that the supporting medium should be put in place so that all will surely be in readiness when the time of actual need arrives. A further advantage of starting while the plants are still small is found in the opportunity offered for the growth to accommodate itself gradually to the presence of the stake or whatever else is used.

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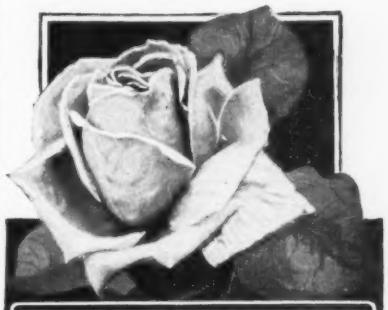

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IT'S ON PAGE—

Automobiles and Accessories

	PAGE
Auburn	45
Buick *Facing*	16
Cadillac *Facing*	136
Chrysler Corporation *Facing*	24
Dodge	72
Duesenberg	43
Fisher Body Cars *Facing*	188
Franklin *Facing*	1
Lincoln	137
Miller Tires	136
Nash	29
Packard *Facing*	144
Pierce-Arrow *Facing*	148
Studebaker	18–19

Building Materials

Bathroom Fixtures & Plumbing

Alpha Brass Pipe	30
Anaconda Brass Pipe	22–23
Belgintile	167
Church Colored Seats	47
Crondon Plated Fixtures	181
Kohler Colored Fixtures *Facing*	40
Maddock Durock Bathroom Fixtures	164
Morton Medicine Cabinets	171
Reading Iron Pipe	46
T/N Water Closet	167
Zundel Sanitary Toilet Chair	171

Garbage Incinerators, Sewage Disposal & Water Systems

Home Incinerator	148
Kernerator (Incinerator)	163

Hardware

Artistic Bronze Hardware	155
Corbin Locks & Building Hardware	150
Everedy Silent Door Closer	187
McKinney Hardware	161
Schlage Locks	154
Win-Dor Casement Hardware	172
Yale & Towne Building Hardware	162

Heating Plants & Accessories

Iron Fireman Automatic Coal Burner	57
Johns-Manville Asbestocel	161
National Heating Systems	16 B-C
Nelson Invisible Radiators *Facing*	57
Oil Heating Institute	71
Pittsburg Gas Heater	163
Rome Brass Radiators	163
West Wind Ventilating Fan	130
Williams Oil-O-Matic Heating	159

House Building Materials

Alpha Brass Pipe	30
Ambler Asbestos Waltile	44
Anaconda Copper & Brass Pipe	22–23
Balsam Wool Insulating Material	65
Belgiantile	167
Brown's Supercedar Closet Lining	165
Celotex Insulating Board	17
Driwood Period Mouldings	128
4 Square Lumber	62
Hartmann-Sanders Building Products	153
Indiana Limestone	63
Insulite Insulating Board	56
Johns-Manville Asbestocel	161
Laminex Doors	64
Milcor Construction Products	24
National Marble Dealers Ass'n	28
Portland Cement	20–21
Reading Iron Pipe	46
Ritter Oak Flooring	165
Structural Clay Tile Assn.	70
Tidewater Red Cypress	55

Lighting Systems & Accessories

Horn & Brannen Lighting Fixtures	167
Old Castle Lamps	181

Paints and Varnishes

Artlac Paints *Facing*	25
Barreled Sunlight Paints	41

Roofing & Shingles

Ambler Asbestos Shingles	44
Anaconda Gutters & Rainpipes	22–23
Chase Copper Gutters	30
Genasco Latite Shingles *Facing*	56
Imperial Roofing Tiles *Facing*	41
Pennsylvania Slate Institute	25
Weatherbest Stained Shingles *Facing*	17

Windows, Doors, Screens, etc.

Chase Copper & Bronze Screen Cloth	30
Fenestra Casement Windows *Facing*	149
Higgins All-Metal Screens	142
International Casements	153
Laminex Doors	64

Building Materials, *(Cont.)*

Windows, Doors, Screens, etc.

	PAGE
Libbey-Owens Sheet Glass	32
Lupton Casement Windows	42
Pearl Wire Cloth	187
Screen Mfrs. Assn.	169
Win-Dor Casement Hardware	172

Publishers, Books, etc.

Hostess Book	157
The Gardener's Bed Book	183

The Dog Mart & Poultry Yards

Pages	66–69

Food Products

Battle Creek Health Foods	157
Billy Baxter—Carbonated Beverages	157
Campbell's Soups	125
Guasti Cooking Sherry	159
Hormel Hams	157
Kaffee Hag Coffee	156
Louis Sherry	157
Poland Water	157
Raffetto Nesselro	157
Whitman's Chocolates	74

Gardening

Seeds, Bulbs & Nursery Stock

Barrow's Grass Nurseries	185
Bartlett Tree Expert Co.	174
Cottage Gardens Peonies	185
Dreer's Dahlias	183
Mohican Peonies	183
Rosefield Peony Gardens	184
Scheeper's Seeds & Bulbs *Facing*	172
Schling's Seeds	179
Stadhaugh Farm Iris	185
Wayside Gardens	177
Wohlert's Flowering Trees	184
Zandbergen Tulips	179

Garden Furniture, Fences & Decorations

Anchor Fences	170
Cincinnati Iron Fence Co.	171
Cyclone Fence *Facing*	173
Dodson Bird Houses	185
Dubois Woven Wood Fence	175
Galloway Garden Pottery	187
Hodgson Garden Furniture	69
Jackson Garden Furniture	14–15
Neal Obstacle Golf	181
Page Fence	180
Potash-Marl Rustic Furniture	184
Primo Art Stone Garden Furniture	185
True Temper Garden Tools	184
Weller Pottery	152
Wickwire Spencer Fence	172

Gardening, Miscellaneous

Acme All Round Spray	183
Antrol Snarol	185
Atkin & Durbrow Peat Moss	178
"Black Leaf 40"	185
Derrisol Insecticide	184
Electrimer	183
Evergreen Insecticide	177
Hammond's Slug Shot	184
Rustic Cedar Furniture	184
Snarol Insecticide	185
Solvay Calcium Chloride	176
Wilson's O. K. Plant Spray	179
Wilson's Scale-O	179

Lawn Mowers

Cooper Lawn Mowers	173
Ideal Power Mower	179
Milbradt Lawn Mowers	177
Pennsylvania Lawn Mowers	182

Greenhouses

American Greenhouses	173

Sprinkling & Water Systems

Brooks Irrigation Systems	173
Double Rotary Sprinkler	177
Skinner System of Irrigation	178
Thompson Sprinkling Systems	182
White Showers Sprinkler	184

House Furnishings

Awnings, Window Shades, etc.

Burlington Venetian Blinds	168
Vudor Porch Shades	153

House Furnishings *(Cont.)*

China, Pottery & Glass, etc.

	PAGE
Altman's Glassware	5
Galloway Pottery	187
Heisey's Glassware *Facing*	169
Plummer's China & Glassware	146
Rookwood Pottery	151
Weller Pottery	152

Drapery & Upholstery Fabrics

Celanese Fabrics	9
Chase Velmo Upholstery Material *Facing*	160
Judd Drapery Fixtures	31
Orinoka Drapery Fabrics	149
F. Schumacher & Co., Fabrics	141

Fireplaces & Accessories

Jackson Fireplace Fixtures	14–15

Floor Coverings

Armstrong's Linoleum *Facing*	33
Bengal-Oriental Rugs	151
Deltox Rugs	168
Duro Gloss Rug Anchors	168
Macy's Summer Rugs	7
Sealex Linoleum *Facing*	168
Waite Rugs *Facing*	137

Furniture

B. Altman & Co.	5
Berkey & Gay Furniture	16
Golden Age Furniture	3
Grand Rapids Upholstered Furniture	16
Kittinger Distinctive Furniture	11
Shaw Furniture Co.	155
Sloane's Furniture *Facing*	32
Sons-Cunningham Rattan Furniture	149

Interior Decorations

Altman Decorators	5
Directory of Decoration & Fine Arts	33–40
Horn & Brannen Lamps	167
Rookwood Pottery	151
Old Castle Lamps & Shades	181
Wm. H. Jackson Co.	14–15
Weller Pottery	152

Kitchen & Laundry Equipment

Art Craft Ware Utensils	181
Bohn Refrigerators	169
Edenette Washing Machine	167
Frigidaire *Facing*	161
General Electric Refrigerators *Facing*	152
Hill Clothes Dryer	183
Kelvinator	27
Lewis & Conger Household Ware	138
Pyrofax Gas	26
Russell Green River Cutlery	169
Sunkist Jr. Fruit Juice Extractor	159
Universal Electric Appliances	158
White House Kitchen Cabinets	160

Household Textiles

Altman's Linens	5
Cannon Sheets *Facing*	153
Carlin Comforts	126
Dolly Madison Bed Spreads	134
Grande Maison de Blanc Linens	155
Old Town Blankets *Facing*	145
Wamsutta Sheets & Pillow Cases	129

House Furnishings, Miscellaneous

Altman's	5
Bassick Casters	152
Everedy Silent Door Closer	187
General Dyestuff Corp.	171
Lewis & Conger Household Ware	138

Radiator Covers & Enclosures

Hart & Cooley Radiator Enclosures	171
Mullins Radiator Enclosures	165

Silverware

Black, Starr & Frost Silver	133
Caldwell, J. E. & Co.	6
1847 Rogers Silverplate	144
Gorham Sterling Silver	12–13
International Silverplate	147
International Sterling Silver	139
Reed & Barton Silver	135

House Furnishings *(Cont.)*

Silverware

	PAGE
Tiffany & Co.	1
Treasure Sterling Silver	127

Jewelry & Gifts

Black, Starr & Frost	133
Caldwell, J. E. & Co.	6
Ciné-Kodak	131
1847 Rogers Silverplate	144
Engraved Business Cards	160
Gorham Sterling Silver	12–13
International Silverplate	147
International Sterling Silver	139
Mary Ryan—Gift Consultant	155
Neal Obstacle Golf	181
Reed & Barton Silver	135
Tiffany & Co.	1
Treasure Solid Silver	127

Health Appliances & Exercises

Battle Creek Health Builder	161
Health Extension Bureau	187
Neal Obstacle Golf	181
Safe-Play Swing & Gym	187
Savage Health Motor	140
Sedgwick Invalid Elevator	187

Real Estate — 58–61

Musical Instruments & Radio

Chickering Pianos	145
Wurlitzer Organs	10

Shops of House & Garden — 40

Schools & Camps — 54

Arts & Decoration Home Study Course	181

Shoppers' & Buyers' Guide — 53

Tobacco & Cigarettes

Camels	Back Cover
Marlboros	168

Toilet Goods

Garon Perfumes	2
Guerlain's Perfumes	4
Lenthéric Perfumes	8
Listerine	143
No. 4711 Glycerine Soap	171

Telephone Service Arrangements

American Telephone & Telegraph Co.	188

Travel Service

Pages	48–53
Alameda County, California	50
American Express Travelers Cheques	51
Barcelona Exposition *Facing*	49
Californians, Inc.	53
Canadian National Ry.	49
Canadian Pacific Ry. *Facing*	48
Chateau Frontenac *Facing*	48
Clark's Famous Cruises	48
Dollar S. S. Co.	48
Frank Tours	50
French Line	166
Insurance Co. of No. America	52
London, Midland & Scottish Ry.	52
Louisville & Nashville R. R.	53
New Ocean House	48
Northern Pacific Ry.	50
Oakland, California	50
Plaza Hotels	52
Roosevelt Hotel	49
San Diego Cal. Club	53
Southern Pacific R. R.	51
Virginia	52

Miscellaneous

Dexstar Staybrite Wrapping Tissues	181
General Dyestuff Corp.	171

Motor Boats

Chris-Craft Boats & Cruisers	132

While every precaution is taken to insure accuracy, we cannot guarantee against the possibility of an occasional change or omission in the preparation of this index

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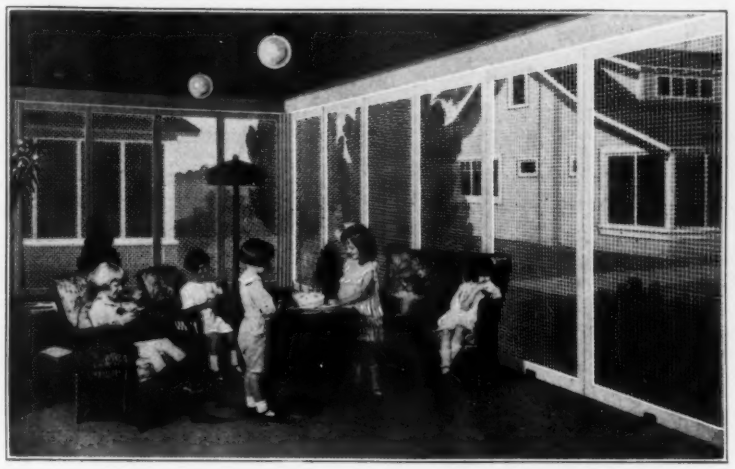

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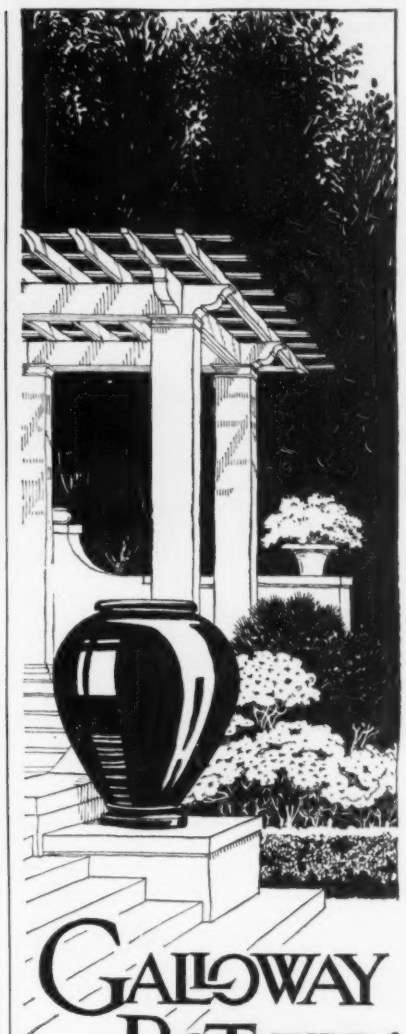

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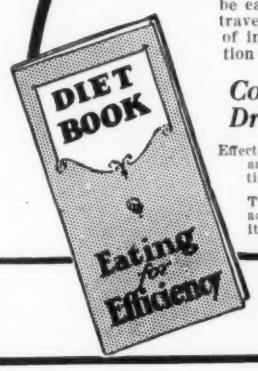

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